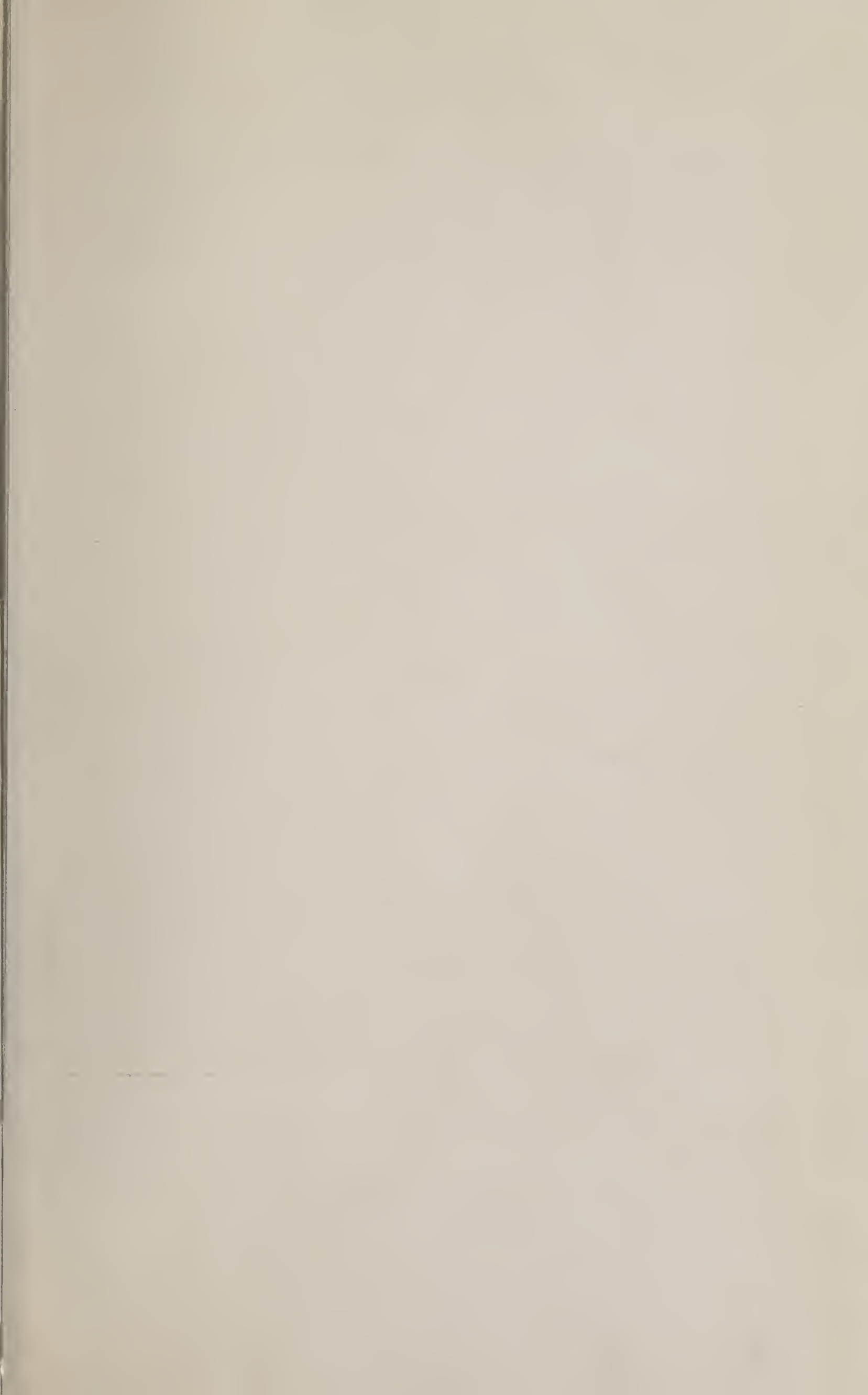


137





HON. JOHN W. LYONS
MAYOR

CITY OF CAMBRIDGE
MASSACHUSETTS

352
C14

THE ANNUAL REPORTS

Made to the City Council
for the Year Ending December 31, 1939



PUBLISHED BY ORDER OF THE CITY COUNCIL
UNDER THE DIRECTION OF THE CITY CLERK



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APPENDICES

Election Commissioners
Water Board
Board of Health
Public Library Trustees
School Committee

MAYORS OF THE CITY OF CAMBRIDGE

(From 1846 to 1939 inclusive)

James D. Green.....	May,	1846, to April,	1848
Sydney Willard.....	April,	1848, to April,	1851
George Stevens.....	April,	1851, to April,	1853
James D. Green.....	April,	1853, to April,	1854
*Abraham Edwards.....	April,	1854, to January,	1855
Zebina L. Raymond.....	January,	1855, to January,	1856
John Sargent.....	January,	1856, to January,	1860
†James D. Green.....	January,	1860, to July 24,	1861
§Charles Theodore Russell....	July 31,	1861, to January,	1863
George C. Richardson.....	January,	1863, to January,	1864
Zebina L. Raymond.....	January,	1864, to January,	1865
J. Warren Merrill.....	January,	1865, to January,	1867
Ezra Parmenter.....	January,	1867, to January,	1868
Charles H. Saunders.....	January,	1868, to January,	1870
Hamlin R. Harding.....	January,	1870, to January,	1872
Henry O. Houghton.....	January,	1872, to January,	1873
Isaac Bradford.....	January,	1873, to January,	1877
Frank A. Allen.....	January,	1877, to January,	1878
Samuel L. Montague.....	January,	1878, to January,	1880
James M. W. Hall.....	January,	1880, to January,	1881
James A. Fox.....	January,	1881, to January,	1885
William E. Russell.....	January,	1885, to January,	1889
Henry H. Gilmore.....	January,	1889, to January,	1891
Alpheus B. Alger.....	January,	1891, to January,	1893
William A. Bancroft.....	January,	1893, to January,	1897
Alvin F. Sortwell.....	January,	1897, to January,	1899
Edgar R. Champlin.....	January,	1899, to January,	1901
David T. Dickinson.....	January,	1901, to January,	1902
John H. H. McNamee.....	January,	1902, to January,	1904
Augustine J. Daly.....	January,	1904, to January,	1906
Charles H. Thurston.....	January,	1906, to January,	1907
Walter C. Wardwell.....	January,	1907, to April,	1909
William F. Brooks.....	April,	1909, to April,	1911
J. Edward Barry.....	April,	1911, to April,	1914
Timothy W. Good.....	April,	1914, to Dec.	1915
Wendell D. Rockwood.....	January,	1916, to January,	1918
Edward W. Quinn.....	January,	1918, to January,	1930
Richard M. Russell.....	January,	1930, to January,	1936
John D. Lynch.....	January,	1936, to January,	1938
John W. Lyons.....	January,	1938, to January,	1940

* Municipal year changed.

† Resigned.

§ First elected by the City Council.

PRESIDENTS OF THE BOARD OF ALDERMEN

1888	*Edward W. Hincks	1903	†John W. Coveney
1889	*John H. Corcoran	1903	Timothy W. Good
1890	*Alvin F. Sortwell	1904	†John W. Coveney
1891	*William A. Bancroft	1905	*J. Edward Barry
1892	*William A. Bancroft	1906	*Charles H. Lake
1893	*John F. Fairbairn	1907	*Charles H. Lake
1894	*John G. Thorogood	1908	*Edward B. James
1895	*John F. Fairbairn	1909	*Edward B. James
1896	*John F. Fairbairn	1910	*Edward B. James
1897	*Russell Bradford	1911	James T. Barrett
1898	*Russell Bradford	1912	James T. Barrett
1899	Walter C. Wardwell	1913	Peter J. Nelligan
1900	Walter C. Wardwell	1914	Peter J. Nelligan
1901	George E. Saunders	1915	Peter J. Nelligan
1902	James F. Aylward		

*Deceased.

† John W. Coveney resigned March 10, 1903, and Timothy W. Good elected to the vacancy.

PRESIDENTS OF THE CITY COUNCIL

1916	*Edward J. Dunphy	1928	Timothy F. Murphy
1917	*Edward J. Dunphy	1929	Timothy F. Murphy
1918	*Dr. John P. Good	1930	Joseph M. Stokes
1919	James T. Barrett	1931	Jeremiah J. O'Connor
1920	James T. Barrett	1932	Timothy F. Murphy
1921	James T. Barrett	1933	John J. Foley
1922	James T. Barrett	1934	John J. Foley
1923	James T. Barrett	1935	John W. Lyons
1924	James T. Barrett	1936	Thomas F. Gibson
1925	*John J. McCarthy	1937	Thomas M. McNamara
1926	*John J. McCarthy	1938	Thomas M. McNamara
1926	Timothy F. Murphy	1939	Thomas M. McNamara
1927	Timothy F. Murphy		

*Deceased.

PRESIDENTS OF THE COMMON COUNCIL

1846	*Isaac Livermore	1873	*Alvaro Blodgett
1847	*John Sargent		Resigned June 17
1848	*John C. Dodge	1873	*Francis H. Whitman
1849	*Samuel P. Heywood		Elected June 17
1850	*Samuel P. Heywood	1874	*George F. Piper
1851	*John S. Ladd	1875	*George F. Piper
1852	*John Sargent	1876	*Frank A. Allen
1853	*John Sargent	1877	*Perez G. Porter
1854	*John C. Dodge	1878	*George S. Saunders
1855	*Alanson Bigelow	1879	*George S. Saunders
1856	*Ezra Ripley. Resigned	1880	*Charles Walker
	January 31	1881	*Charles Walker
1856	*George S. Saunders	1882	*George H. Howard
	Elected January 31	1883	*George H. Howard
1857	*George S. Saunders	1884	*George H. Howard
1858	*James C. Fisk	1885	*Cornelius G. H. Bennink
1859	*James C. Fisk	1886	*John H. Corcoran
1860	*Hamlin R. Harding	1887	*John H. Corcoran
1861	*Hamlin R. Harding	1888	*Alvin F. Sortwell
1862	*Jared Shepard	1889	*Edward A. Bingham
	Resigned September 17	1890	*Edward A. Bingham
1862	*Knowlton S. Chaffee	1891	*Edward C. Wheeler
	Elected September 24	1892	Herbert A. Chase
1863	*George S. Saunders	1893	*J. Henry Russell
1864	*George S. Saunders	1894	Charles M. Conant
1865	*John S. March	1895	*John L. Odiorne
1866	*John S. March	1896	*John L. Odiorne
1867	*Marshall T. Bigelow	1897	*Albert S. Apsey
1868	*Knowlton S. Chaffee	1898	George E. Saunders
	Resigned February 4	1899	*William F. Brooks
1868	*Henry W. Muzzey	1900	John D. Merrill
	Elected February 4	1901	John D. Merrill
1869	*Henry W. Muzzey	1902	*Thorndike Spalding
1870	*Joseph H. Converse	1903	Edward E. Clark
1871	*Joseph H. Converse	1904	*Harry N. Stearns
1872	*Alvaro Blodgett	1905	*George A. Giles

*Deceased

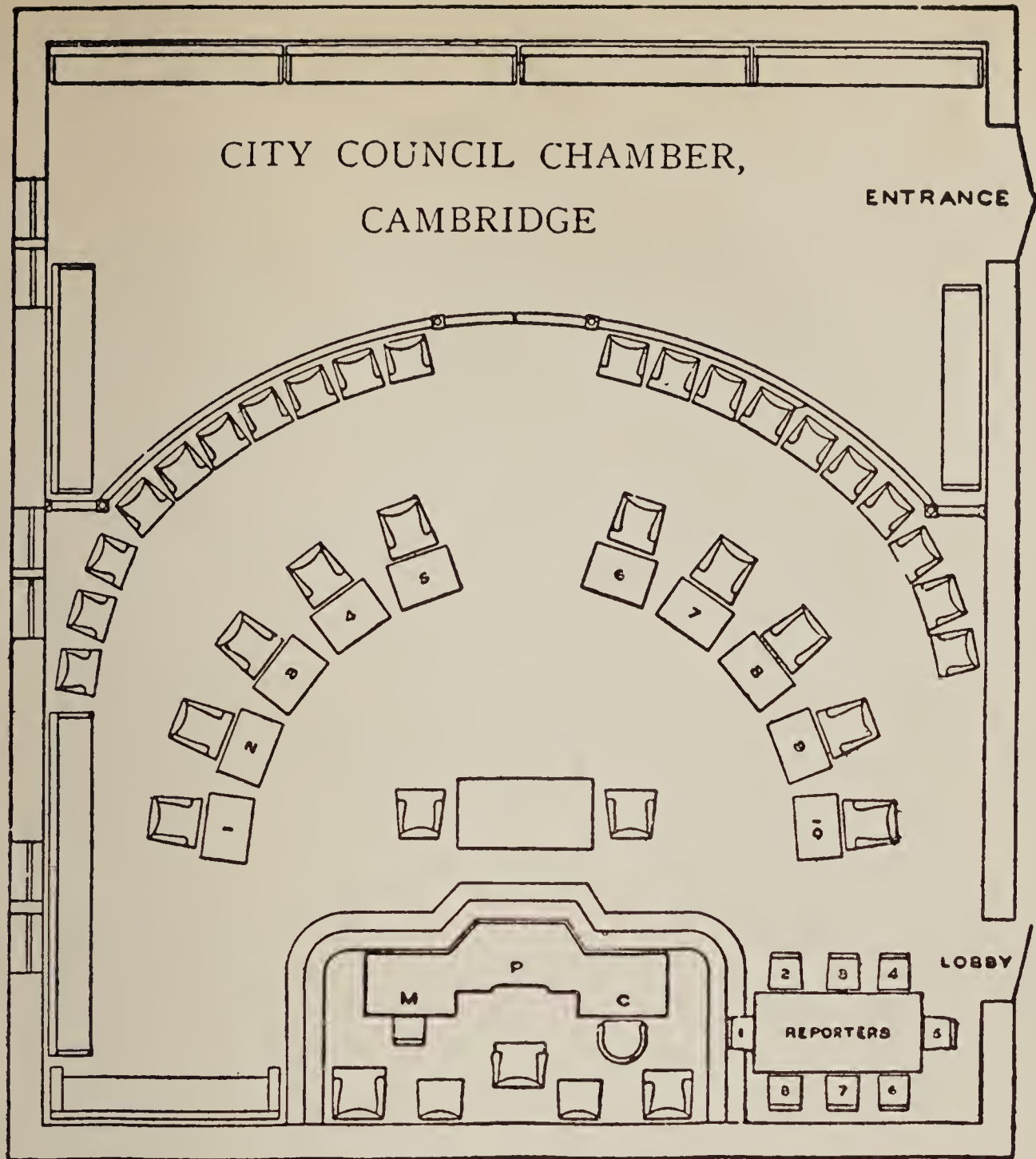
1906	*George A. Giles	1911	Frederick H. Burke
1907	*Henry C. Stetson	1912	Timothy J. Horan
1907	*†Robert W. Hunter	1913	*John H. Lynch
1908	Henry J. Winslow	1914	*Frank J. Lehan
1909	Jesse W. Moreland	1915	Arthur S. Browne
1910	Irving N. Linnell		

* Deceased.

† Elected to fill vacancy.

LEGAL HOLIDAYS

New Year's Day, January 1. Washington's Birthday, February 22. Patriot's Day, April 19. Memorial Day, May 30. Independence Day, July 4. Labor Day, September 4. Columbus Day, October 12. Armistice Day, November 11. Thanksgiving Day, November 30. Christmas Day, December 25.



KEY TO CITY COUNCIL CHAMBER
Cambridge, 1939

P.— THOMAS M. McNAMARA, President

- | | |
|-----------------------|------------------------------|
| 1. Councillor Mahoney | 8. Councillor J. J. Sullivan |
| 2. Councillor Banks | 9. Councillor M. A. Sullivan |
| 3. Councillor Roche | 10. Councillor Swenson |
| 4. Councillor Donovan | 11. Councillor Pill |
| 5. Councillor Tierney | 12. Councillor Winslow |
| 6. Councillor Dee | 13. Councillor Gibson |
| 7. Councillor Sennott | 14. Councillor Toomey |

Reporters

- | | |
|---|---|
| 1. L. D. Fuller, Cambridge Chronicle
and Cambridge Sun | 4. Gordon Silver, Cambridge Tribune |
| 2. John J. McGillicuddy, Cambridge
Sentinel | 5. Robert M. Smith, Boston Globe |
| 3. John R. Sennott, Jr., Cambridge
Recorder | 6. Osborne F. Ingram, Boston Post |
| | 7. Emmanuel T. Mello, Boston Herald |
| | 8. Edward M. Martin, Boston
American |

CITY GOVERNMENT

Mayor

JOHN W. LYONS
28 Ellsworth Avenue

Councillors

THOMAS M. McNAMARA, *President*

JOSEPH M. BANKS, 32 Glenwood Avenue.....	Ward 5
MICHAEL J. DEE, 19 Everett Street.....	Ward 7
EDWARD H. DONOVAN, 151 Appleton Street.....	Ward 9
THOMAS F. GIBSON, 24 Walden Street.....	At Large
JAMES E. MAHONEY, 266 Cambridge Street.....	Ward 1
THOMAS M. McNAMARA, 271 Windsor Street.....	Ward 2
HYMAN PILL, 315 Harvard Street.....	At Large
FRANCIS J. ROCHE, 406 Broadway.....	At Large
FRANCIS L. SENNOTT, 5 St. Mary Road.....	Ward 3
JEREMIAH J. SULLIVAN, 18 Hollis Street.....	Ward 11
MICHAEL A. SULLIVAN, 15 Surrey Street.....	Ward 6
CHESTER R. SWENSON, 34 Ellery Street.....	Ward 4
JOHN J. TIERNEY, 182 Richdale Avenue.....	Ward 10
JOHN J. TOOMEY, 395 Windsor Street.....	At Large
HENRY D. WINSLOW, 8 Chauncy Street.....	Ward 8

OFFICERS OF THE CITY COUNCIL

City Clerk

FREDERICK H. BURKE

Assistant City Clerk

ALBERT T. DOYLE

Clerk of Committees

DANIEL J. TOOMEY

City Messenger

A. FRANK MONTGOMERY

Regular meetings on Tuesday evenings, at 8 o'clock

DEPARTMENTS AND BOARDS

City Hall Telephone, Trowbridge 6800

EXECUTIVE DEPARTMENT

JOHN W. LYONS, *Mayor*

EDWARD A. COUNIHAN, *Mayor's Clerk*

EDNA M. BURKE, *Mayor's Secretary*

JAMES E. HARRINGTON, *Assistant Mayor's Clerk*

Office Hours: 8 a.m. to 4 p.m.
Office, Rooms 17 and 18, City Hall

CITY CLERK'S DEPARTMENT

City Clerk — term, three years from first day of June
FREDERICK H. BURKE, *City Clerk*. Term expires June 1, 1941

ALBERT T. DOYLE, *Assistant City Clerk*

Office Hours: 8 a.m. to 4 p.m.
Office, Rooms 8 and 9, City Hall

TREASURY DEPARTMENT

City Treasurer — term, one year from first day of June
ANDREW P. CARROLL, *City Treasurer and Collector of Taxes*

Term expires June 1, 1940

Office Hours: 8 a.m. to 4 p.m.
Office, Rooms 3 and 4, City Hall

AUDITING DEPARTMENT

City Auditor — term, three years from first day of June
JOHN J. MCKENZIE, *City Auditor*. Term expires June 1, 1942

Office Hours: 8 a.m. to 4 p.m.
Office, Rooms 1 and 2, City Hall

CLERK OF COMMITTEES DEPARTMENT

Clerk of Committees — term, one year from first day of June

DANIEL J. TOOMEY, *Clerk of Committees*

Term expires June 1, 1940

FORREST L. GOULD, *Assistant*

Office Hours: 8 a.m. to 4 p.m.

Office, Room 16, City Hall

CITY MESSENGER'S DEPARTMENT

City Messenger — term, one year from first day of June

A. FRANK MONTGOMERY, *City Messenger*

Term expires June 1, 1940

Office Hours: 8 a.m. to 4 p.m.

Office, Room 20, City Hall

LAW DEPARTMENT

RICHARD C. EVARTS, *City Solicitor*

JOSEPH A. DEGUGLIELMO, *Law Clerk*

J. HENRY SMITH, *Law Clerk*

Office Hours: 8 a.m. to 4 p.m.

Office, Room 505, Central Square Building
678 Massachusetts Avenue, Cambridge

ENGINEERING DEPARTMENT

Term, one year from first day of May

G. FRANK HOOKER, *City Engineer*

Term expires May 1, 1940

THOMAS P. O'NEILL, *Superintendent of Sewers*

Office Hours: 8 a.m. to 4 p.m.

Office, Rooms 30 and 31, City Hall

BUILDING DEPARTMENT

JOHN J. TERRY, *Superintendent of Public Buildings
and Inspector of Buildings*

LOUISE M. KELLY, *Zoning Consultant and Counter Clerk*

JAMES B. MANSFIELD, *Building Inspector*

WILLIAM J. CUTTER, *Building Inspector*

JOHN F. BROGAN, *Inspector of Plumbing*

WILLIAM J. STANGER, *Inspector of Gas Fitting*

DANIEL F. OWENS, *Inspector of Elevators*

Office Hours: 8 a.m. to 4 p.m.

Office, Room 28, City Hall

STREET DEPARTMENT

Term, one year from first day of May

JAMES F. MAHONEY, *Superintendent of Streets*

Term expires May 1, 1940

WILLIAM H. MULCAHY, *Accountant*

Office Hours: 8 a.m. to 4 p.m.

Office, City Yard, Hampshire Street

Telephone, Trowbridge 1366

HEALTH DEPARTMENT

Board of Health

Three Members. Term, three years from first Monday
in February

DAVID J. NELLIGAN, *Chairman*

JOHN J. HENDERSON

Term expires 1938

DAVID J. NELLIGAN

Term expires 1939

LEO T. MYLES, M.D.

Term expires 1940

SIMON B. KELLEHER, M.D., *Medical Inspector*

JOHN D. CROWLEY, *Clerk*

ROBERT E. BEMIS, Ph.C.

JOSEPH L. JOHNSON, *Inspector of Provisions*

Office Hours: 8 a.m. to 4 p.m.

Office, Rooms 25, 26 and 27, City Hall

POLICE DEPARTMENT

TIMOTHY F. LEAHY, *Chief*

Telephone, Trowbridge 9800

Office, Municipal Building, Central Square

FIRE DEPARTMENT

HERMAN E. GUTHEIM, *Chief*

Telephone, Trowbridge 0125

Office, Fire Department Headquarters, Junction Broadway,
Cambridge and Quincy Streets

ASSESSORS' DEPARTMENT

BERNARD F. FALLON, *Chairman* JOHN C. HAVERTY, *Secretary*
Term, four years

BERNARD F. FALLON

Term expires 1939

JOHN C. HAVERTY

Term expires 1939

JAMES J. CASEY

Term expires 1941

WILLIAM H. MCGINNESS, *Engineer*RUTH E. MCGUIGAN, *Chief Clerk*

Office Hours: 8 a.m. to 4 p.m.

Office, Rooms 21 and 22, City Hall

CITY ELECTRICAL DEPARTMENT

TIMOTHY C. O'HEARN, *City Electrician*JAMES H. McALLISTER, *Assistant City Electrician*

Office Hours: 8 a.m. to 4 p.m.

Office, Fire Department Headquarters

Telephone, Trowbridge 0125

INSPECTOR OF ANIMALS DEPARTMENT

Term, one year from March 31

DAVID L. BOLGER, M.D.V., *Inspector of Animals*

Term expires March 31, 1940

(Died June 7, 1939)

JOHN J. MURPHY, M.D.V., Appointed June 21, 1939

Residence, 44 Sacramento Street

Telephone, Kirkland 1033

(No Office or Hours)

BRIDGE DEPARTMENT

JAMES F. MAHONEY, *Bridge Commissioner*

Office Hours: 8 a.m. to 4 p.m.

Office, City Yard, Hampshire Street

Telephone, Trowbridge 1366

SEALER OF WEIGHTS AND MEASURES DEPARTMENT

JOSEPH M. O'NEIL, *Sealer*JAMES J. LYNCH, *First Deputy Sealer*EDWARD W. BARKER and ANDERS T. ANDERSON, *Deputy Sealers*

Office Hours: Fridays, 8 a.m. to 4 p.m.

Saturdays, 8 a.m. to 12 noon

Office, Municipal Building, Central Square

Telephone, Kirkland 8848

CITY PHYSICIAN

Term, three years from first Monday in February

M. L. DRESSLER, M.D.

Term expires first Monday in February, 1940

Residence, 1610 Massachusetts Avenue, Telephone Kirkland 3725

Office, Municipal Building, Central Square

Office Hours: Daily, 9 to 11 a.m.

Office Telephone, Trowbridge 9850

FENCE VIEWERS

G. FRANK HOOKER, *City Engineer*, City HallJOHN J. TERRY, *Superintendent of Public Buildings*, City Hall

CAMBRIDGE PLANNING BOARD

Five Members. Term, five years from first day of May

ARTHUR F. GRENIER, *Chairman*JOSEPH S. REZENDES, *Secretary*

JOSEPH CLARKE

Term expires 1940

JOHN F. FERRICK

Term expires 1941

ARTHUR F. GRENIER

Term expires 1942

JOSEPH S. REZENDES

Term expires 1943

GEORGE L. DOW

Term expires 1944

SCHOOL COMMITTEE

Mayor JOHN W. LYONS, *Chairman*JOHN J. CARVER, *Vice-Chairman*

JAMES J. CASSIDY; D.M.D., 120 Appleton Street

Term expires 1939

WILLIAM F. GALGAY, 10 St. Paul Street

Term expires 1939

RALPH W. ROBART, 197 Lexington Avenue

Term expires 1939

JOHN J. CARVER, 62 Fayerweather Street

Term expires 1941

JAMES F. FITZGERALD, 117 Spring Street

Term expires 1941

RUSSELL A. WOOD, 9 Whittier Street

Term expires 1941

EDWARD J. O'CONNELL, *Secretary**Superintendent of Schools*

MICHAEL E. FITZGERALD

Assistant Superintendent of Schools

JOHN M. TOBIN

Executive Secretary

WILLIAM F. DONOVAN

Business Agent

CONSTANTINE J. CHURCH

Assistant to Business Agent

GERALD T. LISTON

Office Hours: 8 a.m. to 4 p.m.

Office, Rooms 14, 15 and 24, City Hall

CITY HOSPITAL DEPARTMENT

Trustees of Cambridge City Hospital

Five Members. Term, five years from first day of May

LAWRENCE C. FELONEY, *Chairman*

MORRIS L. DRESSLER, M.D.

Term expires 1940

LAWRENCE C. FELONEY

Term expires 1941

JOHN J. CARVER

Term expires 1942

JOHN H. HURLEY

Term expires 1943

DANIEL A. LYNCH

Term expires 1944

CEMETERY DEPARTMENT

Superintendent of Cemetery Department

RALPH N. HAMILTON

Assistant Superintendent of Cemetery Department

GREGORY L. GALLAGHER

Office Hours: at Cemetery, 8 a.m. to 5 p.m.

Office at Cemetery on Coolidge Avenue

Telephone, Trowbridge 6818

*Person to Cause to be Properly Interred the Bodies
of Soldiers and Sailors*

EDWARD F. SULLIVAN

Office, Municipal Building, Central Square

PUBLIC LIBRARY DEPARTMENT

*Trustees of Cambridge Public Library*Seven Members. Term, three years from third Monday
in JanuaryDANIEL A. BUCKLEY, *Chairman*

For the Municipal Year

JAMES F. FITZGERALD of School Committee

Citizens at Large Term, Three Years

ALMA M. BOUDREAU	Term expires 1940
HENRY J. MAHONEY	Term expires 1940
JULIA T. BOYLE	Term expires 1941
RICHARD J. COSTELLO, D.M.D.	Term expires 1941
DANIEL A. BUCKLEY	Term expires 1942
ELEANOR L. DALY	Term expires 1942

JAMES F. FITZGERALD, *Treasurer*ALMA M. BOUDREAU, *Secretary*

THOMAS J. SULLIVAN, *Librarian*

Library open: 9 a.m. to 9 p.m. Reading Room: 9 a.m. to 9 p.m.
Sunday, 2 to 9 p.m.

Office at Library Building, Broadway, Irving
and Trowbridge Streets
Telephone, Trowbridge 5005

WATER WORKS DEPARTMENT

Cambridge Water Board

Five Members. Term, five years from thirtieth day of June

President, GEORGE F. MCINNES

TIMOTHY F. MCCARTHY	Term expires 1940
HENRY L. SKELLY	Term expires 1941
JOHN J. FOLEY	Term expires 1942
THOMAS H. O'HARA	Term expires 1943
GEORGE F. MCINNES	Term expires 1944

TIMOTHY W. GOOD, *Superintendent of Water Works*

Office Hours: 8 a.m. to 4 p.m.
Office, Rooms 5 and 6, City Hall

ELECTION COMMISSION

Four Members. Term, four years from first day of May

C. BRENDAN NOONAN, *Chairman*

HARRY A. PENNIMAN	Term expires 1937
FRANCIS McDONALD	Term expires 1940
C. BRENDAN NOONAN	Term expires 1942
N. RUSSELL CAZMAY	Term expires 1943

HARRY A. PENNIMAN, *Secretary*

Office, Municipal Building, Central Square
Telephone, Trowbridge 9828

PARK DEPARTMENT

Park Commissioners

Nine Members. Term, five years from first Monday in May

MICHAEL SCANNELL, *Chairman*

MAURICE CORKERY	Term expires 1940
SAMUEL W. PILL	Term expires 1940
JOHN J. McBRIDE	Term expires 1941
JOHN A. SPENCER	Term expires 1941
CARROLL W. DOTEN	Term expires 1942
JOSEPH H. GUINEY	Term expires 1942
MICHAEL SCANNELL	Term expires 1943
MRS. JESSIE W. BROOKS	Term expires 1944
JEREMIAH J. COUGHLAN	Term expires 1944

STEPHEN H. MAHONEY

*General Superintendent of Parks and Superintendent of Recreation*ROSE E. MANNING, *Secretary*

Office Hours: 8 a.m. to 4 p.m.

Office, Room 33, City Hall

SINKING FUND DEPARTMENT

Commissioners of the Sinking Fund

Six Members. Term, three years from first Wednesday in May

WILLIAM H. REARDON, JR., *Chairman*

WILLIAM H. DAVIES	Term expires 1940
CECIL E. FRASER	Term expires 1940
WILLIAM H. REARDON, JR.	Term expires 1941
JAMES J. GRACE	Term expires 1941
JOSEPH M. MURPHY	Term expires 1942
ARTHUR M. WRIGHT	Term expires 1942

FREDERICK J. SULLIVAN, *Secretary*ANDREW P. CARROLL, *Treasurer*

BOARD OF PUBLIC WELFARE

Three Commissioners

Term, three years from first Monday in May

THOMAS P. DILLON, *Chairman*

CHARLES J. McMENIMEN

Term expires first Monday in May, 1940 (Died August 1, 1939)

THOMAS P. DILLON

Term expires first Monday in May, 1941

PETER J. CAHILL

Term expires first Monday in May, 1942

JAMES E. FINNEGAN, *Secretary*

JOHN T. SHEA, *Superintendent of Home for Aged and Infirm*
(Retired August 31, 1939)

Office Hours at Municipal Building, Central Square
8 a.m. to 4 p.m.

Telephones: City Home, Trowbridge 5370
Office, Trowbridge 9850

BOARD OF APPEAL

Three Members. Term, three years from first day of March

Chairman, PARKER F. SOULE

PARKER F. SOULE (Master Builder) Term expires 1940

WILLIAM L. GALVIN (Architect) Term expires 1941

JAMES J. WALSH (Attorney) Term expires 1942

LOUISE M. KELLY, *Secretary*

BOARD OF LICENSE COMMISSIONERS

JOHN E. QUINN, *Chairman*

Term expires 1940. Term, three years from first day of April

HERMAN E. GUTHEIM, *Chief of Fire Department*

TIMOTHY F. LEAHY, *Chief of Police Department*

POLE AND CONDUIT COMMISSION

JOHN E. QUINN, *Chairman*

JAMES F. MAHONEY, *Superintendent of Streets*

TIMOTHY C. O'HEARN, *City Electrician*

AGENT MUNICIPAL EMPLOYMENT OFFICE

Term, one year beginning January 1

MICHAEL F. ALPHEN

Term expires December 31, 1939. Resigned September 16, 1939

DANIEL L. HERLIHY

Appointed and confirmed September 19, 1939

Term expires December 31, 1939

Office, Municipal Building, Central Square

PURCHASING AGENT

Term, two years from first day of April

WILLIAM D. HILLIS

Term expires April 1, 1940

BUDGET EXAMINER

Term, one year from first day of September

OWEN F. McCALL

Term expires September 1, 1940

RETIREMENT BOARD

(As provided by Chapter 318 of the Acts of 1936 as amended)

JOHN J. McKENZIE, *City Auditor*, for the time being

CONSTANTINE J. CHURCH (a member of the Retirement System)

Term expired December 31, 1935

V. GEORGE BADOIAN

Term expires January 1, 1942

CAMBRIDGE HOUSING AUTHORITY

Five Members. Term, five years

JOHN H. CORCORAN, *Chairman*HENRY WISE, *Vice-Chairman*

REV. AUGUSTINE F. HICKEY

Term expires October 8, 1940

HENRY WISE

Term expires October 22, 1941

DANIEL F. BURNS

Term expires November 12, 1942

*JOHN H. CORCORAN

Term expires November 25, 1943

MICHAEL J. SULLIVAN

Term expires October 22, 1944

*Appointed by State Board of Housing

CAMBRIDGE INDUSTRIAL COMMISSION

Three Members

FRANK H. TOWNSEND, *Chairman*OLMORE C. FRANCIS, *Secretary*

(See Chapter 393 of the Acts of 1913, Chapter 223 of the Special Acts of 1917 and Chapter 79 of the Special Acts of 1919)

Term three years from April 1

(See ordinance passed to be ordained on March 3, 1936,
and approved on March 5, 1936 — No. 1562)

FRANK H. TOWNSEND

Term expires April 1, 1940

JOHN V. W. LAWSON

Term expires April 1, 1941

OLMORE C. FRANCIS

Term expires April 1, 1942

CITY MISSIONARY

JOHN F. CAWLEY

CAMBRIDGE YOUTH COMMISSION

Fifteen Members. Term, three years from April 1

INGOLF B. BOCKMAN

Term expires April 1, 1940

FRANK J. FRISOLI

Term expires April 1, 1940

SELMA GRIFFITH

Term expires April 1, 1940

GRACE FAIR MACDONALD

Term expires April 1, 1940

MARIE L. PETERSEN

Term expires April 1, 1940

JOSEPH E. BANDZUL

Term expires April 1, 1941

BERNARD T. DUFFY

Term expires April 1, 1941

STEPHEN H. MAHONEY

Term expires April 1, 1941

SAMUEL BENNETT MANNOS

Term expires April 1, 1941

THOMAS J. MURPHY

Term expires April 1, 1941

REV. JOHN A. BUTLER

Term expires April 1, 1942

JOSEPH CASHMAN

Term expires April 1, 1942

CHARLES T. CAVANAUGH

Term expires April 1, 1942

EMMA LANE WARD

Term expires April 1, 1942

BERTHA GOLDTHWAITE

Term expires April 1, 1942

Chairman

THOMAS J. MURPHY

Secretary

WILLIAM C. CONWAY

TRUSTEES OF THE BULLOCK FUND

Three Members. Term, three years beginning June 1

Mayor JOHN W. LYONS, *Chairman ex officio*

ARTHUR G. MacKENZIE

Term expires May 31, 1940

WILLIAM P. BUNYON

Term expires May 31, 1941

KATHERINE W. BORN

Term expires May 31, 1942

AGENT FOR COMMITTEE ON SOLDIERS' AID

EDWARD F. SULLIVAN

WILLIAM F. BOYLE, TIMOTHY J. SULLIVAN, *Investigators*

Office Hours: 8 a.m. to 4 p.m.

Office, Municipal Building, Central Square

TRUSTEES OF THE DOWSE INSTITUTE

PROFESSOR JOSEPH H. BEALE, *President*

STOUGHTON BELL, *Secretary and Treasurer*

JOHN W. LYONS, *Mayor, ex officio*

JEROME D. GREENE

THOMAS M. McNAMARA, *President of City Council, ex officio*

TRUSTEES OF THE SANDERS TEMPERANCE FUND

JOHN W. LYONS, *Mayor*

THOMAS M. McNAMARA, *President of City Council*

FREDERICK H. BURKE, *City Clerk*

Ex officiis

TRUSTEES OF THE BRIDGE CHARITABLE FUND

JOHN W. LYONS, *Mayor*

THOMAS M. McNAMARA, *President of City Council*

THOMAS P. DILLON

Chairman of the Board of Public Welfare, ex officiis

STANDING COMMITTEES — CITY COUNCIL
YEAR 1939

Americanization and Education. Councillors J. J. Sullivan, Dee, Donovan, Tierney, M. A. Sullivan.

Bonds. Councillors Pill, M. A. Sullivan, Winslow.

City Engineering. Councillors M. A. Sullivan, Tierney, Dee.

City Planning. Councillors Dee, J. J. Sullivan, Gibson, Tierney, Donovan.

Claims. Councillors Banks, Mahoney, Toomey, Swenson, Pill.

Elections and Printing. Councillors Sennott, J. J. Sullivan, Pill, Swenson, Banks.

Finance. President McNamara, Councillors Toomey, Sennott, Mahoney, Roche, Banks, Swenson, Pill, Gibson, Tierney, J. J. Sullivan, Dee, Donovan, M. A. Sullivan, Winslow.

Health. Councillors Roche, Tierney, Pill.

Industrial Development. Councillors Banks, Pill, Mahoney, Dee, M. A. Sullivan.

Legislative Matters. Councillors Swenson, Gibson, J. J. Sullivan, M. A. Sullivan, Pill.

Licenses. Councillors Swenson, Mahoney, Banks, Tierney, Roche.

Military Affairs. Councillors Sennott, Swenson, Toomey, Mahoney, Pill.

Ordinances. President McNamara, Councillors Roche, Mahoney, Swenson, Sennott, Toomey, Pill, Banks, Tierney, Dee, Donovan, M. A. Sullivan, Gibson, J. J. Sullivan, Winslow.

Parks and Cemeteries. Councillors Pill, Toomey, Banks, Mahoney, Swenson.

Public Celebrations. Councillors Pill, M. A. Sullivan, Sennott, Swenson, Mahoney, Banks, J. J. Sullivan.

Public Property and Public Institutions. Councillors Toomey, Roche, Mahoney, Sennott, Banks.

Public Safety. Councillors Mahoney, Sennott, Swenson, Toomey, Pill.

Public Service. Councillors Mahoney, Gibson, Pill, Toomey, Banks.

Roads and Bridges. Councillors Sennott, Toomey, Swenson, Roche, Pill, Banks, Mahoney.

Rules and Orders. Councillors Dee, Pill, Tierney, J. J. Sullivan, M. A. Sullivan.

Soldier's Aid. Councillors Swenson, Sennott, Mahoney, Roche, Tierney.

Water Supply. Councillors Pill, M. A. Sullivan, Banks, Swenson, Dee.

Wires and Lamps. Councillors Donovan, Mahoney, Toomey, Swenson, Gibson.

INAUGURAL ADDRESS OF HON. JOHN W. LYONS

Gentlemen of the City Council:

Every effort of my administration will be directed to the end that this message that I now give to you will be pronounced a worthy one on December 31, 1939.

A record of accomplishment is measured in deeds and not words. In these trying times, an inaugural address must set forth more than expressions of hope for the future. It is imperative that a plan of action be presented to cope with the complex problems which loom before us.

The affairs of government have wrought an increasing influence in the lives of our citizens. Their welfare is vitally affected by the administration of the various public services of the city, the state, and the nation. Municipal government, in its very nature, is closer to their homes and their every day lives. The people of Cambridge have entrusted to us their municipal affairs for the next two years. Their well being is a sacred trust which we gladly assume.

Our task is to give to the citizens of Cambridge the greatest public service for their tax dollars. It is to this end that I make the following specific proposals. They are designed to affect a better and more economical municipal government for Cambridge.

REORGANIZATION OF WELFARE

The problem of welfare expenditures is a matter of grave concern. In dollars and cents it constitutes one of the largest items in the budget. In human values, it represents the actual necessities of life to some of our citizens.

Every humanitarian dictate requires that adequate aid be given to worthy recipients. No city should allow any of its citizens to suffer the hardships of poverty, hunger and sickness. I believe that properly managed welfare is not only our greatest security in the maintenance of public morale, but is also a prudent investment for the future of our city. We dare not impair the mental, physical and moral qualities of our rising generation by false economies.

On the other hand, we cannot ignore the fact that welfare expenditures present a serious financial problem to the citizens of Cambridge. As such, the welfare department must be conducted as economically and efficiently as possible. With this in view, I make a solemn pledge that waste of the city's money will be eliminated by weeding out unworthy recipients. Henceforth, the department will be so reorganized that all new cases will be properly investigated and old cases constantly checked as long as they remain on the welfare rolls.

I further propose to institute a thorough survey to determine the feasibility of decentralizing the department and placing welfare stations in those sections of the city where the case load is concentrated. The survey may indicate that by decentralization we can attain greater efficiency and also avoid hardships on the part of those recipients who are physically unable to travel a considerable distance. I have every reason to believe that both taxpayers and welfare recipients will approve my administration of this department.

POLICE DEPARTMENT

Within the past two years, numerous transfers were made in the police department. Editorial writers, prominent citizens, and the Chief of Police, himself, have stated publicly that the morale of the department has been dangerously undermined by political interference. Such interference cannot be tolerated in a department which is charged with the prevention of crime and the protection of the lives and property of our citizens.

It is my responsibility as your Mayor to administer all the departments of the city government. I am opposed to interference in the conduct of the routine affairs of the several departments. However, when a serious situation such as this arises, and there is urgent need for executive direction, I will take action!

I shall institute a reorganization of the police department in one comprehensive transfer. This shall be done immediately. Once this transfer has been made, the responsibility for the police department will be placed in the hands of the Chief of Police where it properly belongs. There will be no interference so long as its affairs are administered honestly and efficiently.

As an integral part of this reorganization, the number of men in the Inspector's Division shall be reduced, thereby making

available more men for patrol duty on the streets. The patrolling of our city streets is now dangerously inadequate. The work of the street patrolmen will be supplemented by an efficient prowl car system. The city will be divided into four sections which will be completely patrolled by prowl cars at no added expense to the city. I am confident that this action will remedy the condition of the police department existing at the present time.

THE "BEANO" PROBLEM

You know that the game of "beano" was legalized in this Commonwealth to aid charitable organizations in their truly Christ-like work of helping the poor. Its subsequent history in this State is now a matter of common knowledge. In many instances "beano" was and is a charitable work conducted by charitable men for charitable purposes. This type of "beano" is to be commended. However, in many instances "beano" was and is nothing more or less than a racket conducted by racketeers for the profit of racketeers. This type of "beano" is to be condemned.

I do not hold that the game of "beano" is intrinsically evil, but I do hold that its conduct is fraught with very great evils which are well-nigh inseparable from it. A study of the situation reveals that there is only one solution to this problem. It is to be regretted that this solution must necessarily restrict the highly commendable activities of many thoroughly honest and respected organizations in this city, but they must suffer that a greater good be accomplished. I feel sure that these organizations will realize the difficulty of the problem and coöperate with me in the solution which must be enacted.

The operation of the game of "beano" in the City of Cambridge by all non-religious organizations is hereby abolished. Religious organizations, moreover, will be allowed to conduct "beano" only on the condition that their permit for each game be requested personally by a clergyman who will assume full responsibility for the conduct of the game. Cambridge will not tolerate the activities of men who would use the cloak of charity as a disguise for their own illicit gain.

STREET TRAFFIC SURVEY

Residents of Cambridge and motorists from near-by cities and towns are fully aware of the difficult traffic conditions which prevail at Kendall, Central, Inman, Harvard and Porter Squares, and at the areas adjacent to the traffic islands on Massachusetts Avenue. These conditions constitute a real danger to pedestrians and motorists. Congested traffic is a serious impediment to the business of our shopkeepers. I am convinced that much constructive work can be accomplished in solving our traffic problems.

I shall take advantage of the state law which allows the Commonwealth to make a comprehensive study of a city's traffic problems at no expense to the city. No previous administration has availed itself of this free service. Therefore, I shall request the Massachusetts State Department of Public Works to undertake this necessary survey and report to me in the hope that certain very definite improvements in our traffic conditions may be made as a result thereof.

DEPARTMENT OF RECREATION

It is impossible to over-emphasize the need of proper recreation facilities for the youth of our community. Our educational work should be supplemented by a well-conceived recreational program which is certain to pay great dividends in health, morals and good citizenship. Every effort must be expended to restore the Department of Recreation to the high standard of efficiency that it once possessed. By means of Works Progress Administration projects and an adequate appropriation, it is hoped this objective will be accomplished.

STREET LIGHTING CONDITIONS

There is an imperative need for improved street lighting conditions in Cambridge. The hazards of poorly lighted streets constitute a grave menace to the safety of our citizenry. It is a contributing cause to crime, and automobile accidents. Therefore, in accordance with my campaign pledge, a comprehensive program will be undertaken to improve street lighting conditions.

HOSPITALS

There is opportunity for constructive improvement in our City Hospital. This vital public institution must be raised to the

highest possible standards for public good. Working conditions for employees are not entirely satisfactory; complete laboratory and diagnostic facilities are lacking; considerable red-tape makes the police-manned City Hospital ambulance almost useless; and more space should be provided for the ever-increasing need for hospitalization and medical attention in our city. These are some of the hospital problems demanding solution.

In handling this hospital problem I shall always be guided by the principle that the sick of the city are entitled to the best care which can be given to them. With this in mind, I shall effect the following changes: working hours of nurses shall be reduced from twelve hours a day to eight hours a day in accordance with the practice of all the better institutions; laboratory and diagnostic facilities shall be improved; the police ambulance question shall be settled once and for all. Serious consideration shall be given to the recommendation of the trustees of the City Hospital for additional space. When attacking this problem of additional space, I shall be ever mindful both of the needs of the sick and the dictates of sane economy.

Grossly inefficient handling of the Tuberculosis Hospital question has given me a particularly complicated problem to solve. I must be frank with you and state that I have not yet decided what method I shall adopt in its solution. However, conditions at the Tuberculosis Hospital are scandalous and cannot be allowed to continue. I will take the necessary steps to remedy this deplorable situation.

CEMETERY

The administration of our city cemetery has been the subject of considerable criticism. The care of the grounds and the graves has been characterized by a negligent disregard for the final resting place of the dead. This will not be tolerated during my administration.

COURTESY

Frequently men in authoritative city positions forget that they are public servants in the employ of their city government. Instances of discourteous conduct toward the public are not uncommon. I serve notice that they must cease at once. Any evidence of such conduct will receive my immediate attention and appropriate action.

DEPARTMENT HEADS

Inasmuch as competent and upright department heads are the greatest guarantee of good government a city can have, absolute honesty and efficient administration shall be demanded of them. If department heads fail to meet these standards of honesty and efficiency, they shall be removed and be replaced by capable men who will look upon their work as a serious public trust.

SALARIES

Last year was an election year and increases amounting to approximately forty thousand dollars were made in the salaries of employees of the city with little or no thought given to the recipient's length of service or his efficiency. These increases were made outside the city budget and consequently they cannot be described as open and above-board. On the contrary, many of these increases can be truly characterized only by the word "vote-buying."

The time has come in the City of Cambridge to abolish a wage system which allows the mayor to use the city treasury as a campaign fund. An employee should not be given an increase in salary because he has been favorable to the mayor, nor should an employee be denied an increase in salary because he has been opposed to the mayor. The present unjust method, therefore, must be supplanted by an impartial system which is based on the principle that the sole test of a man's right to an increase of wages should be his length of service and his efficiency.

The arbitrary wage scale of the previous administration is a manifest injustice to the city employees. The seriousness of this situation imperatively demands action. I therefore act: Salaries are hereby restored to the level established in the 1937 budget, as approved by the City Council. Moreover, my solemn pledge is now given that I will appoint immediately a commission to draw up a minimum and maximum wage scale and a new step-rate increase system for all salaried employees. Absolute adherence to this new system will be enforced upon its adoption.

Let me make it very clear at this time that I hold no grievance against the men who were given these increases by my predecessor. This I mean sincerely, and I further say that such increases as were merited will be restored under the new system. Every employee of the City of Cambridge will certainly welcome

an impartial system which makes him the equal of his fellow employee regardless of political affiliation, for every employee will agree that a man's means of sustenance and his freedom of opportunity should not be made the plaything of politics.

FINANCIAL CONDITION OF THE CITY

Let us face the realities of the financial situation as it confronts the City of Cambridge today. In addition to the burden arising from the necessities for relief and other expenditures incident to periods of economic stress, Cambridge's financial problem has been further aggravated by financial irresponsibility during the past year.

The day of reckoning has come. In the year 1938, we must pay for the artificial tax rate of 1937. The deliberate failure to provide for the expense of operating the city for an entire week in the year 1937 must be paid for in 1938. The salaries for additional employees attached to the city pay roll during the year 1937 amounting to \$196,291 constitute an additional burden for 1938.

These factors were beyond my control. They stand as glaring examples of careless municipal financing. The attitude of "let the next administration pay for it" is a costly one for the taxpayers. The bill for irresponsible budgeting in the past becomes due in 1938. The new administration must take over these conditions as a questionable heritage from its predecessors.

An honest appraisal of the financial situation leads me to an irresistible conclusion. It is apparent that we face the prospects of a higher tax rate for 1938. Candor compels me to state that I am powerless to avoid it. Efficient and honest administration alone cannot prevent the inevitable consequence of the misdeeds of the past. I will not consider the curtailment of necessary public services as a way out. That would be repugnant to every humane principle of good government.

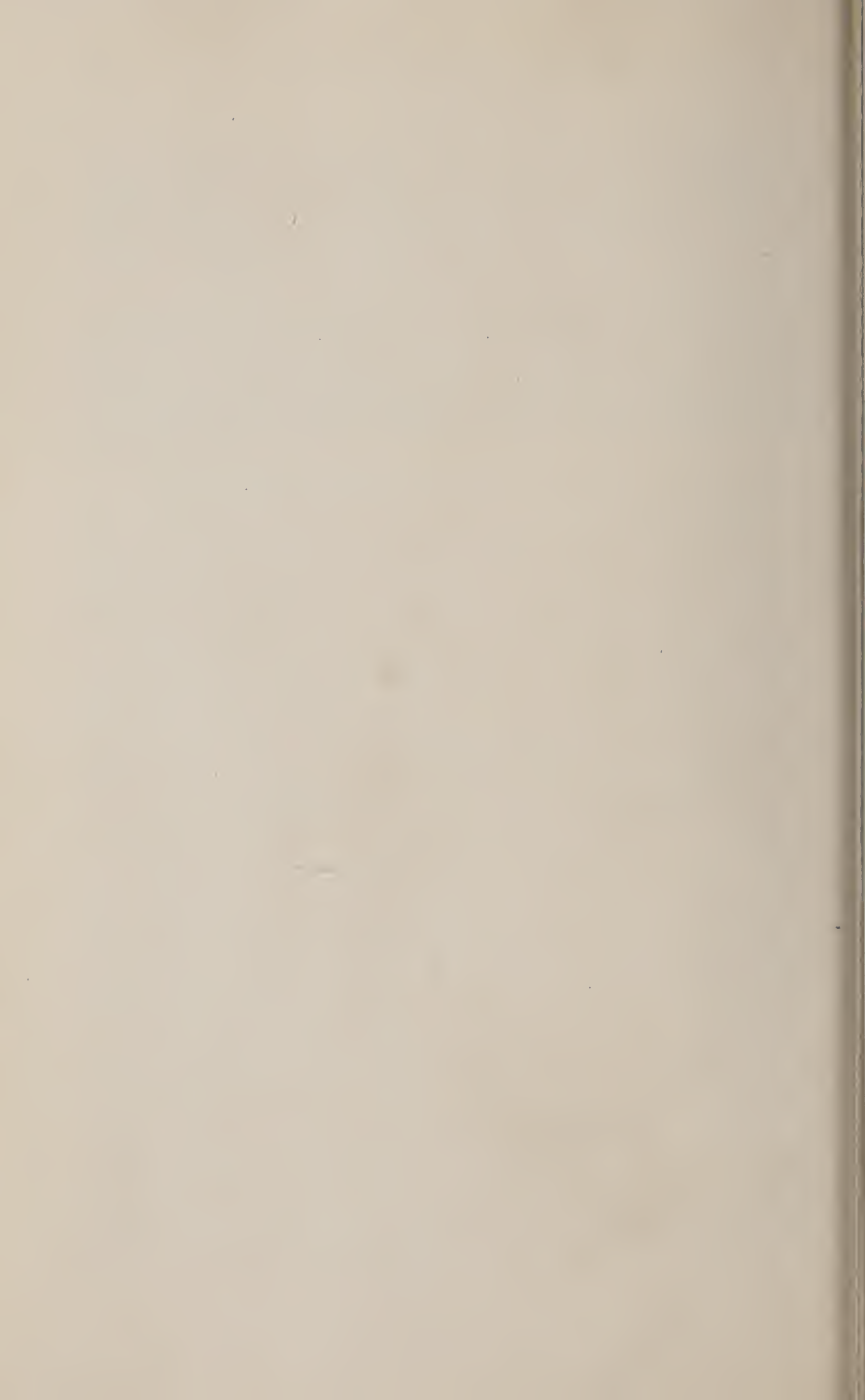
There is but one course open to us. We must act quickly and decisively to put our financial house in order. I shall practice a broad and reasonable economy. Every department in the city must maintain the highest standards of efficiency. As soon as possible, I shall inaugurate such changes as will improve services and reduce costs. Above all else, every city official will be held to a scrupulous honesty in the expenditure of the taxpayer's money. I shall adopt every proper method at my disposal to keep the tax rate at the lowest possible figure.

CONCLUSION

Gentlemen of the Council:

The difficulties to which I have referred are not insurmountable. These are problems that can be solved. I am confident that with your coöperation we can steadily and surely improve the position of our city. I shall do my best for Cambridge. I know that is your intention, too.

Cambridge must go forward! We have much to be proud of and yet there is still much that can be accomplished. I intend to follow a positive program which recognizes our problems and meets them squarely. Let us ever be guided by a will to serve. The tools are in our hands. Let us, together, build for a better day.



ANNUAL REPORT OF THE CITY AUDITOR

December 31, 1939.

To the Honorable City Council:

I transmit herewith a report for the financial year beginning January 1, 1939 and ending December 31, 1939. Included in this report will be found:

1. Balance Sheet as of December 31, 1939.
2. Summary of Receipts and Expenditures offset by departments and functions.
3. Diagrams and Tables of Expenditures by purposes on basis of one dollar.
4. Analyses of the Appropriation Accounts and Summaries.
5. Debt Condition as of December 31, 1939.
6. Income and Expenditures in detail.
7. Condition of Trust and Investment Funds.

Respectfully submitted,

JOHN J. McKENZIE,
City Auditor.

CITY AUDITOR				37
Old Age Assistance:				
Levy 1931	\$180 00			
Levy 1932	7,645 00			
Levy 1933	10,754 00			
Assessments:				
Sewer Added to Taxes 1930				
Sewer Added to Taxes 1938				
Sewer Added to Taxes 1939				
Committed Interest, Sewer				
Unapportioned Sidewalk				
Sidewalk Added to Taxes 1935				
Sidewalk Added to Taxes 1938				
Sidewalk Added to Taxes 1939				
Committed Interest, Sidewalk				
Motor Vehicle Excise Taxes 1930				
Motor Vehicle Excise Taxes 1931				
Motor Vehicle Excise Taxes 1932				
Motor Vehicle Excise Taxes 1933				
Motor Vehicle Excise Taxes 1934				
Motor Vehicle Excise Taxes 1935				
Motor Vehicle Excise Taxes 1936				
Motor Vehicle Excise Taxes 1937				
Motor Vehicle Excise Taxes 1938				
Motor Vehicle Excise Taxes 1939				
Tax Titles				
Tax Possessions				
Departmental:				
Building				
Police				
Electrical				
Amounts carried forward				
Agency:				
City Clerk, Dog Licenses				
City Clerk, Hunting and Fishing Licenses				
Constables' Fees				
Unidentified Payments				
H. C. Corrow				
Mary Dole				
Tailings				
State, Old Age Assistance Taxes				
Hopkins Fund				
Bullock Fund				
Income Trust Funds:				
Thierry Fund				
Bridge Fund				
Russell Fund				
Callanan Fund				
Kingman Fund				
Freese Fund				
Hardy Fund				
Harding Fund				
Citizens' Subscription Fund				
Cummings Fund				
Fay Fund				
William Saunders Fund				
Woolson Fund				
Citizen of Cambridge Fund				
Whorf Fund				
Howe Fund				
Murdock Fund				
Carrie Saunders Fund				
Gifts, Subject to Acceptance				
Amount carried forward				

18,579 00

2,284,967 67

\$581 67
48 13
385 88
211 30

1,226 98

\$56 55
6 01
19 64
515 39
131 55

729 14

\$223 24
646 22
587 63
1,561 33
8,564 12
12,237 48
16,213 87
19,226 97
12,718 55
19,352 48

91,331 89

357,005 63
16,051 38

\$2,383 31
488 25
7,539 71

\$10,411 27

\$3,468,369 50

\$47 40
58 25
31 08
2 35
5 00
1 00
2,665 63
134 00

2,944 71

983 65
2,457 86

\$63 50
63 80
27 00
61 72
448 36
22 36
9 90
27 94
141 04
67 56
25 54
217 08
232 56
187 99
169 46
80 74
73 68
33 33

1,953 56
100 00

\$2,679,661 72

BALANCE SHEET — Continued
REVENUE ACCOUNTS — Continued

<i>Amounts brought forward</i>	\$10,411 27	\$3,468,369 50	<i>Amount brought forward</i>	\$2,679,661 72
<i>Assets</i>				
Health	219,730 07		<i>Liabilities</i>	
Sewer	2,066 73		Revenue Reserved for Appropriation:	
Street	11,292 16		Park	\$50 00
Public Welfare, Outside Aid	466,927 99		Sale of City Land	7,233 60
Public Welfare, Old Age Assistance	49,583 64		Cemetery sales	14,903 00
Soldiers' Benefits	10,739 40		Water	138,008 00
Hospital	145,890 02		Water, Sale of Land	5,751 62
Schools	7,228 37			165,946 22
Park	1,390 95		Revenue Reserved until Collected:	
Cemetery	2,033 55		Sewer Assessment	\$1,226 98
Library	3,176 34	930,470 49	Sidewalk Assessment	729 14
			Motor Vehicle Excise Tax	91,331 89
			Tax Title	373,057 01
			Departmental	930,470 49
			Water	85,856 79
Water:				1,482,672 30
Metered Rates	\$73,302 05		Overlay Reserved for Abatement of Taxes:	
Annual Rates	4,144 10		Levy 1931	\$391 70
Miscellaneous Charges	8,410 64	85,856 79	Levy 1932	40 06
			Levy 1934	10 38
			Levy 1937	27 72
Deficit State Assessments 1939:			Levy 1938	807 70
Metropolitan Planning Tax	\$73 00		Levy 1939	71,385 81
West Roxbury-Brookline Parkway Tax	52	73 52		72,663 37
		2 94	Surplus Revenue	83,829 63
Premium Account, General Loans				<u>\$4,484,773 24</u>

NON-REVENUE ACCOUNTS

Cash	\$86,929 88	Appropriation Balances	\$85,834 51
		Revenue Reserved for Appropriation:	
		Sewer Construction	\$911 06
		Sidewalk Construction	184 31
			1,095 37

BALANCE SHEET — Continued
DEFERRED REVENUE ACCOUNTS — Continued

<i>Amount brought forward</i>	\$3,170 88	<i>Amount brought forward</i>	\$3,170 88
<i>Assets</i>		<i>Liabilities</i>	
Apportioned Sidewalk Assessments, not due.....	790 34	Apportioned Sidewalk Assessment Revenue	
		Due 1940.....	\$202 46
		1941.....	191 64
		1942.....	140 05
		1943.....	62 70
		1944.....	57 63
		1945.....	52 22
		1946.....	35 64
		1947.....	24 00
		1948.....	24 00
			790 34
			<u>\$3,961 22</u>

DEBT ACCOUNTS

General Debt

Commissioners of Sinking Funds, outside debt limit.....	\$2,031,584 35	Sinking Fund, outside:	
Net Funded, or Fixed, Debt, outside debt limit.....	4,643,465 65	Separate System Sewer Loans	\$93,000 00
		Cambridge Bridge Loans.....	1,318,000 00
		Commercial Avenue Bridge Loans...	50,000 00
		Brookline Bridge Approach Loans...	25,000 00
		Park Loans.....	500,000 00
		Land for Playgrounds Loans	95,000 00
		Serial, outside:	
		Separate System Sewer Loans	492,500 00
		Street Loans.....	29,000 00
		Bridge Loans.....	338,000 00
		Building Loans.....	269,000 00
		Hospital Loans.....	549,000 00
		School Loans.....	1,269,050 00
		Park Loans.....	9,000 00
		Land for Playgrounds Loans	22,500 00
		Municipal Relief Loans.....	1,366,000 00
		State Tax Funding Loan.....	250,000 00
			\$6,675,050 00

Commissioners of Sinking Funds, inside debt limit.....	\$93,000 00	Sinking Fund, inside: Sewer, General Construction, Loans..	\$93,000 00
Net Funded, or Fixed Debt, inside debt limit.....	4,044,450 00	Serial, inside:	
		Sewer, General Construction, Loans..	971,000 00
		Street Loans.....	2,062,500 00
		Bridge Loans.....	46,000 00
		Building Loans.....	617,500 00
		Hospital Loans.....	8,500 00
		School Loans.....	263,950 00
		Departmental Equipment Loan.....	50,000 00
		Demand Note, White Charity Fund Trustees.....	5,000 00
		Contract, Dowse Institute Fund Trustees.....	10,000 00
		Sanders Temperance Fund (principal used by city).....	10,000 00
	4,137,450 00		4,137,450 00
	<u>\$10,812,500 00</u>		<u>\$10,812,500 00.</u>
		Water Debt	
Commissioners of Water Loans Sinking Funds.....	\$47,771 91	Water Loans (Sinking Fund).....	\$26,500 00
Net Funded, or Fixed, Water Debt ...	645,500 00	Water Loans (Serial).....	645,500 00
	\$693,271 91	Water Sinking Fund Surplus.....	\$672,000 00
	<u>\$693,271 91</u>		<u>21,271 91</u>
			<u>\$693,271 91</u>

TRUST AND INVESTMENT ACCOUNTS

Trust Funds, cash and securities in custody of Treasurer.....	\$308,487 04	Webster Thierry Fund.....	\$335 12
		John W. Freese Fund.....	221 34
		Sarah E. Russell Fund.....	814 41
		Bridge Charity Fund.....	3,640 10
		Rev. Patrick H. Callanan Fund.....	2,000 00
Amount carried forward.....	<u>\$308,487 04</u>	Amount carried forward.....	<u>\$7,010 97</u>

SUMMARY RECEIPTS AND EXPENDITURES

January 1, 1939 to December 31, 1939

[illegible]

SUMMARY RECEIPTS AND EXPENDITURES — Continued

EXPENDITURES — Continued

<i>Amount brought forward</i>	\$7,358,060 98	<i>Amount brought forward</i>	\$394,762 42
<i>Receipts</i>		<i>Expenditures</i>	
Police, fines and miscellaneous.....	\$9,360 34	Police.....	\$537,047 07
Fire, permits and miscellaneous.....	416 75	Fire.....	533,770 95
Electrical, permits and miscellaneous..	4,186 02	Electrical.....	69,916 64
Sealer, fees.....	1,363 98	Street Lighting and Traffic Signals..	130,891 52
Forestry, miscellaneous.....	98 05	Sealer of Weights and Measures.....	10,515 12
Pole and Conduit Commission, fees...	255 90	Forestry.....	20,664 30
	15,681 04		1,302,805 60
Health and Sanitation:		Health and Sanitation:	
Health, general maintenance, licenses and miscellaneous.....	\$6,985 50	Health, general maintenance.....	\$97,119 45
Tuberculosis Hospital, care.....	10,572 70	Tuberculosis Hospital.....	68,225 06
Dental Clinics, sale of materials.....	537 85	Laboratory.....	7,357 91
Sewer, general maintenance, rents and miscellaneous.....	185 70	Dental Clinics.....	15,486 53
Street, Sanitary Division, sale of offal	12,609 60	Inspection of Animals.....	1,928 76
	30,891 35		472,163 42
Highways and Bridges:		Highways and Bridges:	
Street, general maintenance,		Street, general maintenance.....	\$249,511 50
State highway fund.....	\$241,906 83	Shop and garages.....	30,854 99
Miscellaneous.....	4,493 63	Boston and Cambridge bridges.....	4,838 92
	246,400 46		285,205 41
Charities:		Charities:	
City Hospital, care and miscellaneous		City Hospital.....	\$275,267 40
Welfare, outside aid, loan \$443,000 00	\$59,279 05	Welfare, City Physician.....	5,504 68
Reimbursements.....	283,154 07		
Kinnear fund.....	203 00		
Community fund	91		
	726,357 98		1,061,536 93

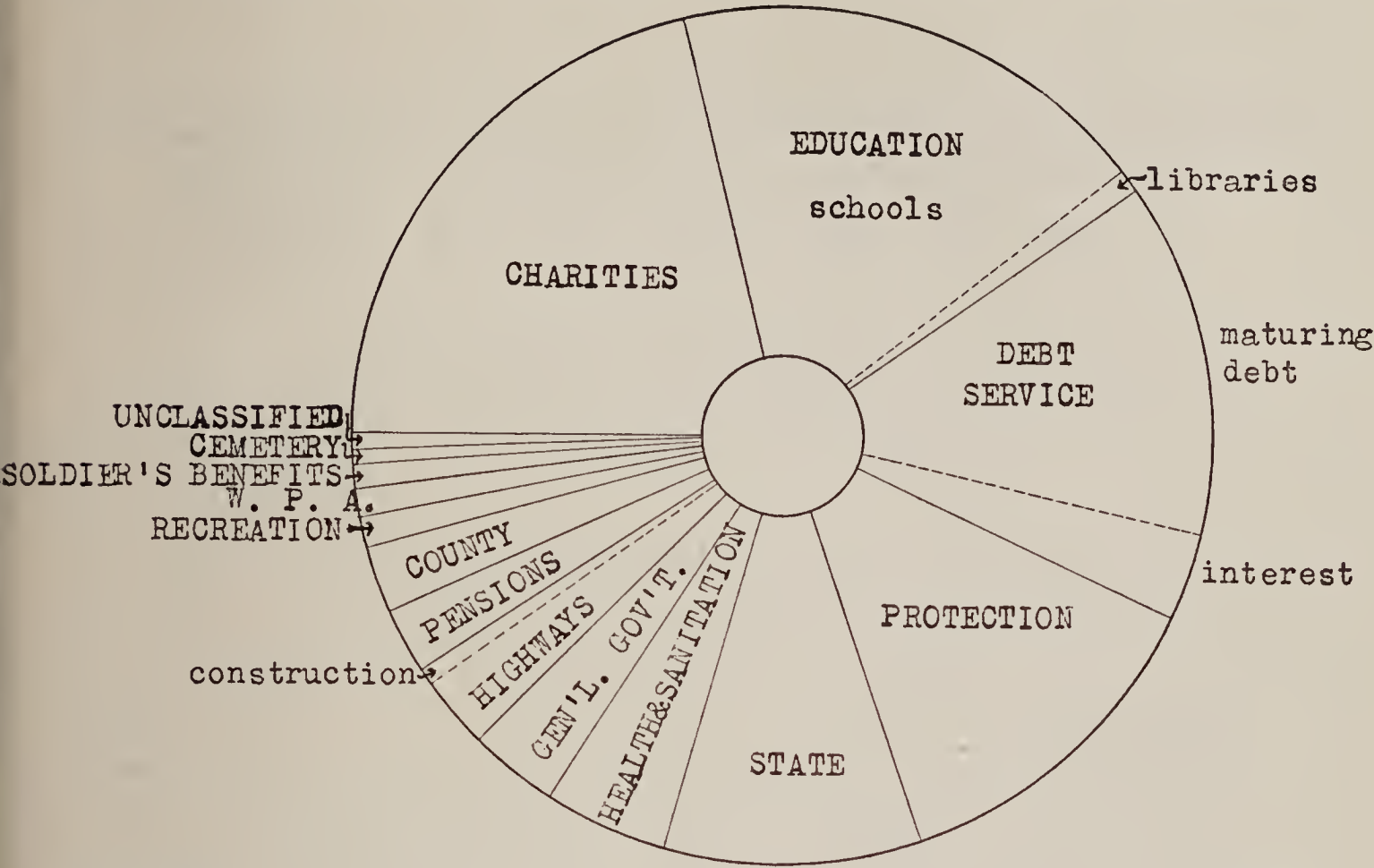
Aid to dependent children:				
Loan.....	\$15,000 00			
Federal grants.....	37,778 43			
Reimbursements.....	67,739 83			
	<u>120,518 26</u>			
Old Age Assistance, loan	\$78,000 00			
Federal grants.....	225,116 96			
Reimbursements.....	157,534 48			
	<u>460,651 44</u>			
City Infirmary, care.....	2,448 00			
	<u>1,369,254 73</u>			
Soldiers' benefits, reimbursements.....	11,132 25			
	<u>1,000 00</u>			
Municipal pensions, reimbursement.....				
Schools — from State				
Vocational training.....	\$18,279 73			
English speaking classes.....	3,744 25			
Sight saving classes.....	1,080 00			
Miscellaneous.....	24,465 97			
	<u>47,569 95</u>			
Libraries, fines.....	762 27			
Recreation:				
Park, general maintenance.....				
Golf course.....	\$65 71			
Public baths.....	7,218 10			
Playgrounds.....	882 55			
	<u>973 05</u>			
	<u>9,139 41</u>			
	<u>\$9,089,892 44</u>			
Amount carried forward.....				
Aid to dependent children.....				
Old Age Assistance.....				
City Infirmary.....				
Soldiers' benefits.....				
Municipal pensions.....				
Pension fund of retirement system				
Schools.....				
Libraries.....				
Recreation:				
Park, general maintenance.....				
Golf course.....				
Public baths.....				
Playgrounds.....				
Amount carried forward.....				

SUMMARY RECEIPTS AND EXPENDITURES — Continued

<i>Amount brought forward</i>	\$9,089,892 44	<i>Amount brought forward</i>	\$6,977,576 30
<i>Receipts</i>		<i>Expenditures</i>	
Cemetery.....		Cemetery.....	65,990 32
Unclassified:		Unclassified:	
Damages to city property.....	\$316 20	Damages to persons and property...	\$34,700 31
		Veterans headquarters.....	2,032 55
		Rifle range.....	2,718 22
		Celebrations.....	4,413 16
Rents, foreclosed property.....	130 00	Custodian, foreclosed property.....	696 15
Sale of foreclosed property.....	11,355 00		
Telephone tolls.....	28 13	Telephone exchange.....	4,674 44
			49,234 83
Debt Service:		Debt Service:	
State tax, funding loans.....	\$250,000 00	Maturing debt... ..	\$1,360,000 00
From sinking fund for maturing debt	150,000 00	Temporary revenue loans.....	5,700,000 00
Temporary revenue loans.....	5,400,000 00	Interest.....	326,477 88
Interest.....	3,470 78	Premiums (cost of prep. and cert. of	
Premiums.....	6,180 89	bonds).....	3,119 80
		County tax.....	7,389,597 68
County — dog licenses.....			238,937 91
State — income tax.....	\$456,839 26		
Corporation tax.....	206,034 27		
Reimbursement, boulevards main-			
tenance tax.....	14 92		
			993,509 67
Grants from funds:		State tax and assessments.....	
Hopkins fund for schools.....	\$726 92	Grants from funds:	
Smith-Hughes fund for schools.....	1,726 84	Hopkins fund for schools.....	\$1,079 41
Bullock fund for health (dental)	1,838 63	Smith-Hughes fund for schools.....	1,726 84
		Bullock fund for health (dental)	2,150 89
Trust funds income.....		Trust funds income.....	4,957 14
			1,728 98

WPA Projects:			
Executive, administration		\$46,108 89	
Budget examiner		2,228 22	
Engineering		154 85	
Building		4,839 10	
Forestry		147 94	
City Hospital		1,495 56	
Welfare, outside aid		3,659 28	
City Physician		571 36	
School		6,546 21	
Library		5,096 27	
Park		62,181 69	
Cemetery		277 63	
Music project		192 00	
			133,499 00
Refunds:			
Departmental receipts			361 91
Departmental appropriations			48,428 51
Temporary Accounts:			
Trust and investment funds			50,957 43
Guarantee deposits			284,301 12
Agency			81,085 19
Water:			
General maintenance		\$230,327 89	
Pumping maintenance		49,767 78	
Reservoirs maintenance		44,318 57	
Filtration maintenance		46,427 67	
WPA projects		3,832 63	
Debt and interest		85,755 00	
Refunds		303 53	
			460,733 07
Outlays (permanent improvements):			
Departmental equipment		\$41,489 17	
Electrical — underground construction		10,074 97	
			51,564 14
Amount carried forward			\$16,832,463 20
Refunds, departmental appropriations	48,428 51		
Temporary Accounts:			
Trust and investment funds	50,957 43		
Guarantee deposits	238,030 28		
Agency	81,785 29		
Miscellaneous:			
Conscience fund	2 00		
Water rates and refunds	491,505 15		
Outlays (permanent improvements):			
Departmental equipment, loan	50,000 00		
Amount carried forward		\$16,583,714 52	

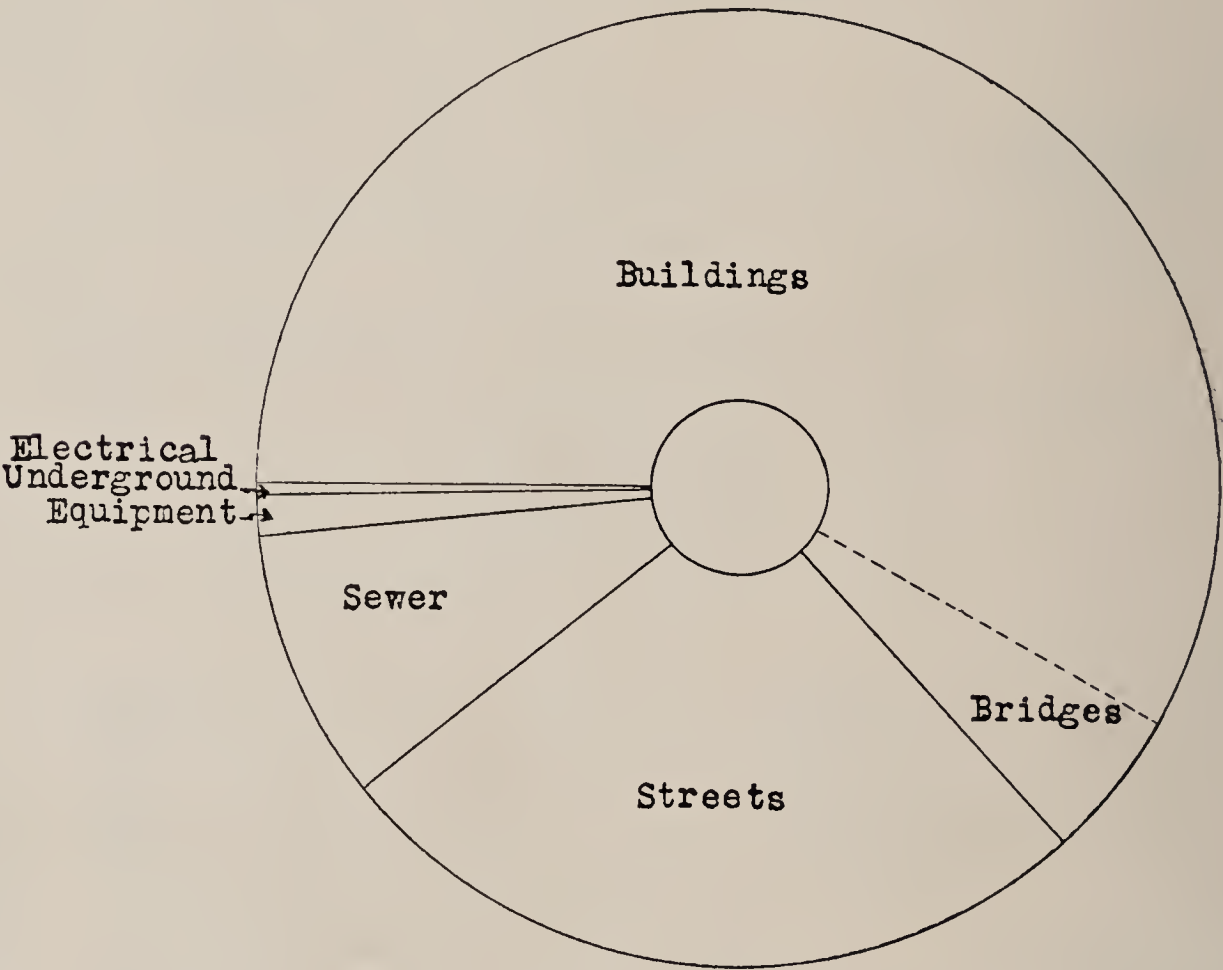
EXPENDITURES BY PURPOSES FOR MAINTENANCE AND OPERATION IN 1939 ON THE BASIS OF ONE DOLLAR



Charities			\$.2107
Education:	Schools	\$.1826	
	Libraries . . . . .	.0082	.1908
Debt Service:	Debt . . . . .	.1347	
	Interest . . . . .	.0322	.1669
Protection . . . . .			.1287
State . . . . .			.0981
Health and Sanitation . . . . .			.0469
General Government . . . . .			.0335
Highways and Bridges: Maintenance . . . . .		.0282	
	Construction . . . . .	.0043	.0325
Pensions . . . . .			.0248
County . . . . .			.0236
Parks and Playgrounds . . . . .			.0116
WPA Projects . . . . .			.0112
Soldiers' Benefits . . . . .			.0093
Cemetery . . . . .			.0065
Unclassified . . . . .			.0049
			\$ 1.0000

Charities: City Hospital, Outside Aid, City Physician, Aid to Dependent Children, Old Age Assistance, City Infirmary. Protection: Police, Fire, Electrical, Street Lighting and Traffic Signals, Sealer of Weights and Measures, Forestry. Health and Sanitation: Health General Maintenance, Tuberculosis Hospital, Dental Clinics, Laboratory, Inspection of Animals, Sewer Maintenance, Street Sanitary Division. General Government: City Council, Clerk Committees, Executive, Auditing, Budget Examiner, Treasury, Administration Sinking Funds, Assessing, License Commission, City Clerk, City Messenger, Law, Election Commission, Engineering, Inspection Buildings, Municipal Buildings, Board of Appeal, Employment Bureau, Administration Retirement System, Purchasing, Planning Board. Unclassified: Damages, Veterans' Headquarters, Military (Rifle Range Practice), Celebrations, Custodian Foreclosed Property.

EXPENDITURES BY PURPOSES FOR CONSTRUCTION
OF PERMANENT IMPROVEMENTS (OUTLAYS)
IN 1939 ON THE BASIS OF ONE DOLLAR



Buildings	\$.5940
Bridges . . . . .	.0376
Streets . . . . .	.2600
Sewers . . . . .	.0901
Equipment . . . . .	.0147
Electrical Underground . . . . .	.0036
	<hr/>
	\$1.0000

APPROPRIATION ACCOUNTS MAINTENANCE AND OPERATION

	Appropriations (1)	EXPENDED		Total Expenditures (4)	Encumbered Balances Forward to 1940 (5)	Balances to Treasury (6)
		Salaries (2)	Other (3)			
City Council	\$10,371 20	\$7,500 00	\$1,864 20	\$9,364 20	\$998 00	\$9 00
Clerk of Committees	7,589 80	7,516 00	73 20	7,589 20		60
Executive	20,170 58	16,626 00	3,257 29	19,883 29	163 65	123 64
WPA Administration	46,503 35	39,975 30	6,133 59	46,108 89	240 87	153 59
Auditing	14,539 60	13,588 67	773 63	14,362 30	104 45	72 85
Budget Examiner	6,049 43	3,000 00	2,884 77	5,884 77	164 66	
Treasury	57,215 20	47,085 45	9,742 62	56,828 07	141 51	245 62
Administration of Sinking Funds	641 62	600 00	40 00	640 00		1 62
Assessing	29,346 15	26,784 50	1,694 13	28,478 63	292 07	575 45
License Commission	8,291 45	7,551 52	241 84	7,793 36		498 09
Pole and Conduit Commission	9 00					9 00
City Clerk	20,918 29	18,296 00	2,585 30	20,881 30	23 24	13 75
City Messenger	3,260 75	3,200 00	56 72	3,256 72	4 00	03
Law	19,872 95	11,746 00	7,592 81	19,338 81	514 36	19 78
Election Commission	36,136 25	24,066 50	10,903 07	34,969 57	33 47	1,133 21
Engineering	27,233 21	25,716 67	1,232 44	26,949 11	179 87	104 23
Inspection of Buildings	23,217 82	22,108 00	936 94	23,044 94	47 30	125 58
Municipal Buildings	50,655 69	31,552 00	15,970 59	47,522 59	2,574 28	558 82
Police	542,186 48	518,444 21	18,602 86	537,047 07	2,823 98	2,315 43
Fire	541,182 52	506,313 74	27,457 21	533,770 95	5,839 58	1,571 99
Electrical	72,439 72	60,939 25	8,977 39	69,916 64	1,441 42	1,081 66
Street Lighting and Traffic Signals	143,096 20		130,891 52	130,891 52	11,897 58	307 10
Sealer of Weights and Measures	10,584 40	10,140 00	375 12	10,515 12	24 37	44 91
Forestry	21,096 43	19,997 01	815 23	20,812 24	92 84	191 35
Health, General Maintenance	104,215 37	72,155 46	24,963 99	97,119 45	3,957 08	3,138 84
Health, Tuberculosis Hospital	78,291 93	38,996 93	29,228 13	68,225 06	7,474 65	2,592 22
Health, Laboratory	7,439 92	7,135 00	222 91	7,357 91	45 93	36 08
Health, Dental Clinics	15,765 00	15,090 00	396 53	15,486 53	257 11	21 36
Inspection of Animals	2,000 00	1,928 76		1,928 76		71 24
Sewer Maintenance	38,561 61	31,999 76	6,101 20	38,100 96		170 41
Street, Sanitary Division	244,309 47	229,762 57	14,182 18	243,944 75	323 66	41 06
<i>Amounts carried forward</i>	<i>\$2,203,191 39</i>	<i>\$1,819,815 30</i>	<i>\$328,197 41</i>	<i>\$2,148,012 71</i>	<i>\$39,950 17</i>	<i>\$15,228 51</i>

APPROPRIATION ACCOUNTS —Continued
MAINTENANCE AND OPERATION — Continued

	Appropriations (1)	EXPENDED		Total Expenditures (4)	Encumbered Balances Forward to 1940 (5)	Balances to Treasury (6)
		Salaries (2)	Other (3)			
<i>Amounts brought forward</i>	\$2,203,191 39	\$1,819,815 30	\$328,197 41	\$2,148,012 71	\$39,950 17	\$15,228 51
Street, General Maintenance.....	255,215 83	199,970 18	49,541 32	249,511 50	4,878 94	825 39
Street, Shop and Garage.....	31,349 34	27,998 53	2,856 46	30,854 99	441 90	52 45
Boston and Cambridge Bridges.....	5,535 69	1,860 00	2,978 92	4,838 92	696 77	.....
City Hospital.....	322,849 83	155,720 72	121,042 24	276,762 96	40,348 74	5,738 13
Public Welfare, Outside Aid.....	1,330,913 57	33,311 73	1,247,245 53	1,280,557 26	45,861 79	4,494 52
Public Welfare, Old Age Assistance.....	513,543 38	8,872 00	499,327 64	508,199 64	99 92	5,243 82
Public Welfare, City Infirmary.....	77,953 52	32,495 99	34,338 61	66,834 60	9,634 73	1,484 19
City Physician.....	6,163 53	5,400 00	676 04	6,076 04	79 17	8 32
Soldiers' Benefits.....	95,254 11	8,600 00	85,844 02	94,444 02	328 00	482 09
Pensions (General Laws).....	211,779 26	400 00	211,375 46	211,775 46	.....	3 80
School.....	1,888,337 97	1,689,383 10	162,531 85	1,851,914 95	21,205 42	15,217 60
Library.....	94,828 10	62,522 33	24,778 41	87,300 74	7,235 72	291 64
Park, Maintenance General.....	158,689 13	58,691 47	70,390 21	129,081 68	28,627 74	979 71
Park, Golf Course.....	12,678 06	11,576 00	1,045 91	12,621 91	26 01	30 14
Park, Public Baths.....	4,441 50	3,848 50	519 16	4,367 66	.....	73 84
Park, Playgrounds.....	33,165 00	31,108 82	2,006 19	33,115 01	2 03	47 96
Cemetery.....	66,820 23	61,670 58	4,597 37	66,267 95	296 83	255 45
Telephone Exchange.....	5,343 29	2,061 20	2,613 24	4,674 44	664 57	4 28
Board of Appeal.....	1,316 00	980 00	335 20	1,315 20	.....	80
Employment Bureau.....	3,605 00	3,543 33	33 80	3,577 13	.....	27 87
Administration Retirement Systems.....	3,567 80	1,716 00	1,732 00	3,448 00	105 80	14 00
Pension Funds, Retirement Systems.....	39,137 89	.....	39,137 89	39,137 89	.....	.....
Purchasing.....	11,528 35	8,070 02	1,079 13	9,149 15	2,041 80	337 40
Planning Board.....	5 50	.....	2 50	2 50	.....	3 00
Industrial Commission.....	69 75	.....	24 75	24 75	.....	45 00

Housing Authority	225 00	.....	24 05	.....	200 95
Youth Commission	2,350 00	2,186 30	37 30	9 00	117 40
Federal Assessment, Distribution Surplus Commodities	2,980 11	.....	.....	2,980 11	.....
Federal Assessment, Music Project	192 00	.....	192 00	.....	.....
Reward, Somers Case	1,000 00	.....	.....	1,000 00	.....
G. A. R. Headquarters	350 00	.....	57 55	.....	.....
V. F. W. Headquarters	1,075 00	.....	1,075 00	.....	292 45
J. W. V. Headquarters	900 00	.....	900 00	.....	.....
Military — Rifle Range	2,718 22	.....	2,718 22	.....	.....
Celebrations, April 19	231 58	.....	231 54	.....	.....
Flag Day	200 00	.....	200 00	.....	04
Labor Day	300 00	.....	299 35	.....	.....
Memorial Day	3,150 00	.....	3,132 27	.....	65
Police Memorial Sunday	200 00	.....	200 00	.....	17 73
Fire Memorial Sunday	350 00	.....	350 00	.....	.....
Annual Documents	1,900 00	.....	.....	1,900 00	.....
Revision Ordinances	337 40	.....	.....	337 40	.....
Custodian Foreclosed Property	696 15	500 00	196 15	.....	.....
Maturing Debt	1,210,000 00	.....	1,210,000 00	.....	.....
Maturing Debt (from sinking fund)	150,000 00	.....	150,000 00	.....	.....
Interest, general debt	319,466 50	.....	319,466 50	.....	.....
Interest, temporary loans	7,333 34	.....	7,011 38	.....	321 96
Damages	35,031 98	.....	34,700 31	331 67	.....
Reserve Fund (unallocated balance)	2 47	.....	.....	.....	2 47
WPA Projects Loan (unallocated balance)	275 00	.....	.....	275 00	.....
	\$9,118,547 77	\$4,232,302 10	\$4,625,042 88	\$209,359 23	\$51,843 56

Appropriations (column 1):					
Balance brought forward from 1938					\$4,232,302 10
Annual Budget, City	\$5,647,712 81	\$225,655 56			590,551 63
School	1,875,346 33	7,523,059 14			1,861,667 54
Preliminary Supplementary Approp- riations					
Sinking Funds for Maturing Debt		420,734 68			441,785 44
Federal Grants, Old Age Assistance and Mothers' Aid		150,000 00			44,560 39
Welfare Loans		262,895 39			1,686,477 88
Kinnear Fund for Welfare		536,000 00			
		203 00			
		<u>\$9,118,547 77</u>			<u>\$8,857,344 98</u>
Expenditures (columns 2, 3, 4):					
Salaries and Wages					
Materials, Equipment, Supplies					
Welfare					
Street Lighting, Soldiers' Benefits, Telephone					
Services, Pensions					
Unclassified					
Debt Service					

APPROPRIATION ACCOUNTS — Continued
OUTLAYS (Permanent Improvements)

	Appropriations (1)	EXPENDED		Total Expenditures (4)	Encumbered Balances Forward to 1940 (5)
		Salaries (2)	Other (3)		
lectrical, Underground.....	\$14,170 11	\$752 50	\$9,322 47	\$10,074 97	\$4,095 14
Traffic Signals.....	1,173 87	.....	.....	.....	1,173 87
Departmental Equipment.....	50,989 88	.....	41,489 17	41,489 17	9,500 71
Street Construction.....	255,265 00	113,814 86	139,141 42	252,956 28	2,308 72
Street Construction.....	754,747 87	460,814 83	270,987 82	731,802 65	22,945 22
Bridge Construction (Third Street).....	2,171 71	.....	.....	.....	2,171 71
Playground (land adjoining Fletcher School).....	719 30	.....	.....	.....	719 30
Building construction.....	26,216 18	.....	.....	.....	26,216 18
Tuberculosis Hospital Construction.....	12,500 00	.....	.....	.....	12,500 00
High and Latin School, Addition.....	2,900 00	.....	.....	.....	2,900 00
Municipal Building and Police Headquarters.....	848 63	.....	.....	.....	848 63
Fire Station.....	98	.....	.....	.....	98
City Infirmary.....	88	.....	.....	.....	88
Lafayette Square Fire Station.....	8,201 42	.....	8,201 42	8,201 42	.....
Rindge Technical School.....	419 87	.....	.....	.....	.....
PWA Construction Project, Library.....	37,508 04	1,731 57	32,116 47	33,848 04	419 87
Webster School.....	346,879 70	4,074 47	256,156 04	260,230 51	3,660 00
High and Latin School.....	841,207 58	6,823 63	473,791 82	480,615 45	86,649 19
City Hospital (Maternity Building).....	315,134 54	3,722 90	238,910 28	242,633 18	360,592 13
Incinerator.....	249,101 40	3,107 83	211,647 22	214,755 05	72,501 36
Garage.....	147,547 60	1,860 48	133,447 09	135,307 57	34,346 35
Tuberculosis Hospital.....	424,105 86	3,855 28	292,291 30	296,146 58	12,240 03
Repair of Bridges.....	128,000 00	2,042 42	103,868 80	105,911 22	127,959 28
Water Construction, 10 inch mains.....	2 40	.....	.....	.....	22,088 78
6 inch to 16 inch mains.....	28 50	.....	.....	.....	2 40
40 inch mains.....	2 31	.....	.....	.....	28 50
		.....	.....	.....	2 31
	\$3,619,843 63	\$602,600 77	\$2,211,371 32	\$2,813,972 09	\$805,871 54

Appropriations (column 1):

Balances forward from 1938	\$2,736,957 33
Raised in Tax Levy	44,017 00
State and County Grants — Street Construction ..	13,962 81
Street and Sidewalk Construction Revenue	12,435 49
Sewer Construction Revenue	18,146 00
Loans, Street Construction	600,000 00
Bridge Repairs, PWA	71,000 00
Building Construction, PWA	37,200 00
Building Construction, PWA Grants	28,625 00
Bridge Repairs, PWA	57,000 00
Electrical Underground Construction	500 00
	<u>\$3,619,843 63</u>

Expenditures (columns 2, 3, 4):

Salaries and Wages	\$602,600 77
Equipment Purchased	41,489 17
Truck and Equipment Hire	102,223 83
Materials and Supplies	317,227 88
Construction under Contracts	1,750,430 44
	<u>\$2,813,972 09</u>

APPROPRIATION ACCOUNTS — Continued
WATER DEPARTMENT

	Appropriations (1)	EXPENDED		Total Expenditures (4)	Encumbered Balances Forward to 1940 (5)	Balances to Water Surplus (6)
		Salaries (2)	Other (3)			
General Maintenance.....	\$242,562 09	\$152,101 80	\$81,843 59	\$233,945 39	\$2,092 31	\$6,524 39
Pumping Maintenance.....	57,925 99	32,013 36	17,754 42	49,767 78	6,650 91	1,507 30
Reservoirs Maintenance.....	47,987 56	38,723 61	5,810 09	44,533 70	206 46	3,247 40
Filtration Maintenance.....	53,089 65	25,661 32	20,766 35	46,427 67	1,294 46	5,367 52
Maturing Debt	58,500 00	.....	58,500 00	58,500 00	.....	.....
Interest on Debt	27,255 00	.....	27,255 00	27,255 00	.....	.....
	\$487,320 29	\$248,500 09	\$211,929 45	\$460,429 54	\$10,244 14	\$16,646 61

Appropriations (column 1):		
Balances brought forward from 1938.....	\$6,103 27	\$248,500 09
From Water Receipts	466,217 02	126,174 45
From Water Surplus.....	15,000 00	85,755 00
	<u>\$487,320 29</u>	<u>\$460,429 54</u>
Expenditures (columns 2, 3, 4):		
Salaries and Wages		
Materials, Supplies and Equipment.....		
Debt and Interest		

SUMMARY OF EXPENDITURES
APPROPRIATION ACCOUNTS

Salaries and wages:			
City, maintenance and operation.....	\$4,232,302 10		
Outlays, construction of permanent improvements.....	602,600 77	\$4,834,902 87	
		248,500 09	
Water Department, maintenance and operation.....			\$5,083,402 96
Materials, supplies and equipment:			
City, maintenance and operation.....	\$590,551 63		
Outlays, permanent improvements.....	460,940 88	\$1,051,492 51	
		126,174 45	
Water Department, maintenance and operation.....			1,177,666 96
Welfare, including Old Age Assistance, and Aid Dependent Children.....			1,861,667 54
Other, maintenance and operation.....			486,345 83
Construction under contracts, city.....			1,750,430 44
Debt Service:			
City.....		\$1,686,477 88	
Water.....		85,755 00	
			1,772,232 88
			\$12,131,746 61

MATURITIES OF OUTSTANDING DEBT

GENERAL DEBT

Funded Loans

Matures	Sewer	Street	Bridge	Building	Hospital	School	Park	Land for Playgrounds	Additional Depart- mental quipment	Municipal Relief	State Tax Funding	Totals	Matures
1940	\$86,000 00	.....	\$100,000 00	.....	.....	.....	\$100,000 00	\$50,000 00	.....	.....	.....	\$336,000 00	1940
1941	40,000 00	.....	132,000 00	.....	.....	.....	100,000 00	45,000 00	.....	.....	.....	317,000 00	1941
1942	15,000 00	.....	94,000 00	.....	.....	.....	48,000 00	.....	.....	.....	.....	157,000 00	1942
1943	45,000 00	.....	77,000 00	.....	.....	.....	50,000 00	.....	.....	.....	.....	172,000 00	1943
1944	.....	.....	385,000 00	.....	.....	.....	31,000 00	.....	.....	.....	.....	416,000 00	1944
1945	.....	.....	240,000 00	.....	.....	.....	55,000 00	.....	.....	.....	.....	295,000 00	1945
1946	.....	.....	175,000 00	.....	.....	.....	25,000 00	.....	.....	.....	.....	200,000 00	1946
1947	.....	.....	105,000 00	.....	.....	.....	10,000 00	.....	.....	.....	.....	115,000 00	1947
1948	.....	.....	45,000 00	.....	.....	.....	42,000 00	.....	.....	.....	.....	87,000 00	1948
1950	.....	.....	20,000 00	.....	.....	.....	8,800 00	.....	.....	.....	.....	28,800 00	1950
1951	.....	.....	10,000 00	.....	.....	.....	30,200 00	.....	.....	.....	.....	40,200 00	1951
1952	.....	.....	10,000 00	.....	.....	.....	.....	.....	.....	.....	.....	10,000 00	1952
Serial Loans													
1940	\$78,500 00	\$667,500 00	\$43,500 00	\$78,500 00	\$55,500 00	\$189,000 00	\$3,000 00	\$2,500 00	\$10,000 00	\$155,000 00	\$50,000 00	\$1,333,000 00	1940
1941	77,500 00	529,000 00	43,500 00	78,500 00	53,000 00	185,000 00	2,000 00	2,500 00	10,000 00	154,000 00	50,000 00	1,185,000 00	1941
1942	77,500 00	415,000 00	43,500 00	75,500 00	53,000 00	184,000 00	2,000 00	2,500 00	10,000 00	154,000 00	50,000 00	1,067,000 00	1942
1943	77,500 00	295,000 00	39,500 00	74,500 00	51,000 00	171,000 00	1,000 00	2,500 00	10,000 00	154,000 00	50,000 00	926,000 00	1943
1944	77,500 00	175,000 00	38,500 00	71,500 00	51,000 00	136,000 00	1,000 00	2,500 00	10,000 00	154,000 00	50,000 00	767,000 00	1944
1945	75,000 00	10,000 00	36,500 00	71,500 00	21,000 00	115,000 00	.....	2,500 00	.....	153,000 00	.....	484,500 00	1945
1946	74,000 00	.....	34,500 00	71,500 00	21,000 00	82,000 00	.....	2,000 00	.....	153,000 00	.....	438,000 00	1946
1947	72,000 00	.....	29,500 00	71,500 00	21,000 00	81,000 00	.....	2,000 00	.....	128,000 00	.....	405,000 00	1947
1948	71,000 00	.....	22,000 00	43,500 00	21,000 00	37,000 00	.....	1,500 00	.....	108,000 00	.....	304,000 00	1948
1949	69,500 00	.....	22,000 00	37,000 00	21,000 00	36,000 00	.....	1,500 00	.....	53,000 00	.....	240,000 00	1949
1950	68,000 00	.....	4,000 00	37,000 00	21,000 00	36,000 00	.....	.....	.....	.....	.....	166,500 00	1950
1951	64,500 00	.....	3,000 00	37,000 00	21,000 00	36,000 00	.....	.....	.....	.....	.....	161,500 00	1951
1952	61,000 00	.....	3,000 00	37,000 00	21,000 00	35,000 00	.....	.....	.....	.....	.....	157,000 00	1952
1953	56,500 00	.....	3,000 00	37,000 00	21,000 00	35,000 00	.....	.....	.....	.....	.....	152,500 00	1953
1954	49,000 00	.....	3,000 00	13,000 00	21,000 00	35,000 00	.....	.....	.....	.....	.....	121,000 00	1954
1955	45,500 00	.....	3,000 00	13,000 00	21,000 00	35,000 00	.....	.....	.....	.....	.....	117,500 00	1955
1956	43,000 00	.....	3,000 00	13,000 00	21,000 00	35,000 00	.....	.....	.....	.....	.....	115,000 00	1956
1957	40,500 00	.....	3,000 00	13,000 00	21,000 00	35,000 00	.....	.....	.....	.....	.....	112,500 00	1957
1958	37,500 00	.....	3,000 00	13,000 00	21,000 00	35,000 00	.....	.....	.....	.....	.....	109,500 00	1958
1959	37,000 00	.....	3,000 00	.....	.....	.....	.....	.....	.....	.....	.....	40,000 00	1959
1960	33,000 00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	33,000 00	1960
1961	30,000 00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	30,000 00	1961
1962	27,000 00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	27,000 00	1962
1963	26,000 00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	26,000 00	1963
1964	25,000 00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	25,000 00	1964
1965	22,000 00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	22,000 00	1965
1966	18,000 00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	18,000 00	1966
1967	15,000 00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15,000 00	1967
1968	9,000 00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9,000 00	1968
1969	6,000 00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,000 00	1969
												\$10,787,500 00	
												\$250,000 00	
												\$1,366,000 00	
												\$50,000 00	
												\$117,500 00	
												\$509,000 00	
												\$1,533,000 00	
												\$557,500 00	
												\$886,500 00	
												\$1,777,000 00	
												\$2,091,500 00	
												\$1,649,500 00	
												\$10,812,500 00	
												\$10,812,500 00	
												5,000 00	
												10,000 00	
												10,000 00	
												Total General Debt	
												\$10,812,500 00	

Demand Note held by Trustees White Charity Fund.....
Contract, Trustees Dowse Institute Fund.....
Sanders Temperance Fund, principal used by city.....

WATER DEBT

	Matures	Amounts	Matures
Funded Loans:	1941	\$26,500 00	1941
Serial Loans:	1940	\$57,500 00	1940
	1941	57,500 00	1941
	1942	57,500 00	1942
	1943	44,500 00	1943
	1944	44,500 00	1944
	1945	43,000 00	1945
	1946	43,000 00	1946
	1947	42,000 00	1947
	1948	42,000 00	1948
	1949	42,000 00	1949
	1950	34,000 00	1950
	1951	23,000 00	1951
	1952	23,000 00	1952
	1953	23,000 00	1953
	1954	23,000 00	1954
	1955	23,000 00	1955
	1956	23,000 00	1956
Total Water Debt		\$672,000 00	

NET OUTSTANDING DEBT

	Gross	Sinking Fund	Net
General Debt, inside debt limit	\$4,137,450 00	\$93,000 00	\$4,044,450 00
General Debt, outside debt limit	6,675,050 00	2,031,584 35	4,643,465 65
Totals, General Debt	\$10,812,500 00	\$2,124,584 35	\$8,687,915 65
Water Debt	\$672,000 00	\$26,500 00	\$645,500 00
Water Sinking Fund Surplus		21,235 91	

LOANS ISSUED IN 1939

Purpose	Authority	Issued	Rate	Amount	Matures
Departmental Equipment	Ch. 44, Sec. 7(9)G.L.	February 1	1 %	\$50,000 00	1940-1944
Sewer Construction	Ch. 44, Sec. 7(1)G.L.	February 1	2 %	200,000 00	1940-1969
Repairs of Bridges (PWA)	Ch. 50, Acts 1938	June 1	1 3/4 %	71,000 00	1940-1959
Street Construction	Ch. 44, Sec. 7(6)G.L.	July 1	3/4 of 1 %	200,000 00	1940-1944
Municipal Relief	Ch. 72, Acts 1939	August 1	1 1/2 %	465,000 00	1940-1949
Street Construction	Ch. 44, Sec. 7(6)G.L.	September 1	1 3/4 %	200,000 00	1940-1944
State Tax Funding	Ch. 464, Acts 1939	September 1	1 3/4 %	250,000 00	1940-1944
Street Construction	Ch. 44, Sec. 7(6)G.L.	November 1	3/4 of 1 %	200,000 00	1940-1944
Municipal Relief	Ch. 72, Acts 1939	December 1	1 1/4 %	71,000 00	1940-1949
				<u>\$1,707,000 00</u>	

GENERAL DEBT MATURED AND PAID IN 1939

From Sinking Funds	\$150,000 00
From Revenue Funds	1,210,000 00
	<u>\$1,360,000 00</u>

WATER DEBT MATURED AND PAID IN 1939

From Water Department Receipts	<u>\$585,000 00</u>
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BORROWING CAPACITY DECEMBER 31, 1939

Section 10, Chapter 44, General Laws provides "... a city shall not authorize indebtedness to an amount exceeding two and one-half per cent on the average of the assessors' valuation of taxable property for the three preceding years...." "All debts, except those expressly authorized by law to be incurred outside the debt limit, shall be reckoned in determining the limit of indebtedness...."

The average valuation for 1936-1937-1938 reported by assessors	\$176,438,856 00
Two and one-half per cent	<u>\$4,410,971 00</u>
Net debt within limit outstanding December 31, 1939	4,044,450 00
	<u>\$366,521 00</u>

Borrowing capacity December 31, 1939

CITY INCOME

MAINTENANCE AND OPERATION

TAXES

Taxes:

Property:

Levy 1929	\$16 35	
Levy 1930	171 36	
Levy 1931	694 95	
Levy 1932	822 12	
Levy 1933	881 05	
Levy 1934	1,636 31	
Levy 1935	6,559 19	
Levy 1936	19,405 54	
Levy 1937	302,271 80	
Levy 1938	1,180,270 73	
Levy 1939	5,285,661 24	
	<hr/>	\$6,798,390 64

Polls:

Levy 1933	\$2 00	
Levy 1935	4 00	
Levy 1936	22 00	
Levy 1937	88 00	
Levy 1938	7,896 00	
Levy 1939	31,816 00	
	<hr/>	39,828 00

Old Age Assistance:

Levy 1933		1 00
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Motor Vehicle Excise:

Levy 1930	\$8 74	
Levy 1933	2 00	
Levy 1934	38 20	
Levy 1935	53 64	
Levy 1936	890 36	
Levy 1937	764 25	
Levy 1938	15,080 83	
Levy 1939	143,030 58	
	<hr/>	159,868 60

In Lieu of Taxes:

Harvard College	\$7,573 50	
Radcliffe College	255 15	
Massachusetts Institute of Technology	11,052 45	
	<hr/>	18,881 10
Redemption of Tax Titles		80,574 09

From Commonwealth:

Income Tax (Ch. 58, Gen. Loans)	\$398,898 00	
Income Tax (Ch. 362, Act 1936)	57,941 26	
Corporation Tax	206,034 27	
Reimbursement, Boulevard Maintenance	14 92	
	<hr/>	662,888 45

Amount carried forward \$7,760,431 88

Maintenance and Operation — Continued

Amount brought forward \$7,760,431 88

LICENSES AND PERMITS

Dance and entertainment	\$1,356 00
Building	5,553 15
Electrical	3,468 50
Elevator operator	286 00
Dump	1,638 50
Firearms (to carry)	146 50
Fireworks	30 00
Gasoline swing arm	75 00
Guides	16 00
Marriage	2,964 00
Oil storage	382 00
Sidewalk	38 50
Street signs	136 00
Fees from Commonwealth (peddlers)	375 00

Issued by Board of Health:

Barber shop	\$161 00	
Beauty parlor, manicure	50 00	
Beverages	50 00	
Denatured alcohol	9 00	
Ice cream manufacture	139 00	
Milk and pasteurizing	824 00	
Oleomargarine	44 50	
Vapor	5 00	
Refuse registration	18 00	
		1,300 50

Issued by License Commission:

Auctioneer	\$48 00
Badges	116 05
Barrel collector	41 00
Billiard and pool	257 00
Bowling alley	248 00
Carriage and wagon	81 00
Certified copies	10 50
Common victuals	1,885 00
Driver	86 50
Firearms (to sell)	6 80
Garage and gasoline	775 00
Intelligence office	54 00
Junk collector and store	1,280 00
Lodging house	710 00
Lord's Day	1,420 00
Merry-go-round	2 00
Minor	7 50
Motor vehicles for hire	25 00
Open air carnival	4 00
Open air parking	55 00
Pawn broker	400 00
Peddler	400 00
Skating rink	50 00
Soft drinks	4 00
Stands	79 00
Transient vendor	150 00

Amounts carried forward \$170,602 35 \$17,765 65 \$7,760,431 88

Maintenance and Operation — *Continued*

Amounts brought forward..... \$170,602 35 \$17,765 65 \$7,760,431 88

LICENSES AND PERMITS — *Concluded*

Used car dealer.....	2,125 00		
One day beer.....	172 00		
Wines and malt beverages.....	27,410 00		
All alcoholic.....	132,700 00		
		170,602 35	
			188,368 00

COURT FINES

Middlesex County House of Correction.....	\$507 75	
Third Middlesex District Court,.....	3,889 23	
		4,396 98

GRANTS AND GIFTS

From Commonwealth:		
Maintenance of vocational schools.....	\$18,279 73	
English speaking classes.....	3,744 25	
Old Age Assistance, Federal Grants for aid.....	217,855 20	
Old Age Assistance, Federal Grants for administration.....	7,261 76	
Aid to Dependent Children, Federal Grants for aid.....	34,370 23	
Aid to Dependent Children, Federal Grants for administration.....	3,408 20	
Highway Fund (Ch. 232, Acts 1939).....	241,906 83	
From County:		
Dog licenses.....	2,475 95	
From individuals:		
Community Fund for welfare.....	91	
Infantile paralysis fund for hospital.....	100 00	
Bullock Fund for health.....	1,838 63	
Kinnear Fund for welfare.....	203 00	
Hopkins Fund for schools.....	726 92	
Smith-Hughes Fund for schools.....	1,726 84	
		533,898 45

TREASURY

Advertising.....	\$139 55	
Affidavit.....	42 55	
Certificates of lien.....	306 00	
Deed and description.....	25 00	
Demand.....	2,571 30	
Examination of title.....	184 00	
Preparing and posting.....	63 00	
Recording.....	81 10	
Release.....	117 00	
Statutory fee.....	92 00	
Sale of postage.....	26	
Telephone toll.....	80	
Service of warrant.....	1 00	
		3,623 56
Amount carried forward.....		\$8,490,718 87

Maintenance and Operation — Continued

Amount brought forward \$8,490,718 87

CITY CLERK

Business certificates	\$65 50	
Certified copies	349 25	
Dog license fees	281 30	
Married women's certificates	7 00	
Mortgages	3,235 05	
Optometry certificates	1 00	
Physicians' certificates	2 00	
Sporting license fees	301 50	
Slaughter house	2 00	
	<hr/>	4,244 60

LAW

Reimbursements		198 50
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BUILDING

Rents	\$4,927 00	
Sale of supplies	49 10	
	<hr/>	4,976 10

ENGINEERING

Sale of maps		16 40
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POLICE

Service of officers	\$4,545 48	
Damages	13 50	
Telephone tolls	1 85	
Sale of used automobile	200 00	
Reimbursement	25 53	
Sale of junk	50	
	<hr/>	4,786 86

FIRE

Sale of junk	\$22 75	
Reimbursement	12 00	
	<hr/>	34 75

SEALER OF WEIGHTS AND MEASURES

Sealing fees		1,363 98
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ELECTRICAL

Damage to traffic signals	\$694 96	
Sale of junk	22 56	
	<hr/>	717 52

POLE AND CONDUIT COMMISSION

Recording fees		255 90
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HEALTH

Tuberculosis Hospital:		
State	\$9,754 22	
Cities and towns	781 50	
Individuals	30 00	
Reimbursements	6 98	
	<hr/>	\$10,572 70

<i>Amounts carried forward</i>	\$10,572 70	\$8,507,318 48
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Maintenance and Operation — *Continued*

Amounts brought forward \$10,572 70 \$8,507,318 48

HEALTH — *Concluded*

Other contagious diseases:

State \$3,800 50
 Cities and towns 1,791 00
 Individuals 35 50

5,627 00

Dog bite — reimbursement from county 58 00

Dental clinics 537 85

16,795 55

SEWER

Rents \$96 00

Sale of junk 14 70

Miscellaneous 75 00

185 70

STREET

Sale of offal \$12,609 60

Rent of track 100 00

Repairing pavement 437 90

Driveways 1,761 83

Rent sign board 40 00

Sale of junk 19 00

Sale of motor vehicles 226 40

Reimbursement 20 50

15,215 23

CITY INFIRMARY

Individuals \$2,436 50

Reimbursement 11 50

2,448 00

OUTSIDE AID

State \$229,495 83

Cities and towns 53,035 28

Reimbursements 622 96

283,154 07

AID TO DEPENDENT CHILDREN

State \$66,716 27

Cities and towns 1,023 56

67,739 83

OLD AGE ASSISTANCE

State \$153,041 66

Cities and towns 4,372 02

Reimbursements 120 80

157,534 48

CITY HOSPITAL

Individuals \$59,141 83

Telephone tolls 1 50

Sale of waste material 28 96

Reimbursements 6 76

59,179 05

Amount carried forward \$9,109,565 39

Maintenance and Operation — Continued

Amount brought forward \$9,109,565 39

SOLDIERS' BENEFITS

Military Aid	\$4,454 25	
Burials	200 00	
State Aid	6,455 00	
Reimbursements	23 00	
		<u>11,132 25</u>

MUNICIPAL PENSIONS

State, reimbursement teachers' retirement	1,000 00
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SCHOOL

Sight saving classes	\$1,080 00	
Tuition of minor wards	221 72	
Tuition of state wards	5,025 15	
Tuition of non-resident pupils:		
Continuation School	\$45 90	
High and Latin School	495 00	
Rindge Technical School	636 00	
Rindge Evening Industrial School	298 40	
Lip-reading classes	20 49	
		<u>1,495 79</u>
Sale of food — Rindge Technical School	14,717 09	
Fines and damages	18 00	
Minors' licenses and badges	70 00	
Rent of halls	2,014 00	
Sale of sanitary supplies	20 85	
Telephone tolls	64 67	
Sale of material — Rindge	187 78	
Sale of used equipment	498 83	
Sale of books	112 69	
Reimbursements	19 40	
		<u>25,545 97</u>

LIBRARY

Fines	\$738 32	
Sale of material	11 20	
Reimbursement	12 75	
		<u>762 27</u>

PARK

Forestry	\$98 05	
Rent of bandstand	30 00	
Golf Course	7,218 10	
Telephone tolls	3 90	
Sale of used equipment	1 25	
Sale of junk	6 53	
Repairing fence	24 03	
Use of towels:		
Cambridge Field	\$35 60	
Corporal Burns Playground	149 10	
Rindge Field	506 30	
Russell E. Hoyt Field	282 05	
		<u>973 05</u>
		<u>8,354 91</u>
<i>Amount carried forward</i>		\$9,156,360 79

Maintenance and Operation — Continued

Amount brought forward \$9,156,360 79

PUBLIC BATHS

Fletcher School	\$290 85
Haggerty School	92 60
Roberts School	290 60
Thorndike School	208 50

882 55

CEMETERY

Sale of lots and graves	\$14,903 00
Burial fees, care, etc.	17,302 38
Income, perpetual care fund	7,968 62
Sale of used equipment	25 00

40,199 00

PURCHASING

Sale of used equipment	30 00
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INTEREST

Accrued, general loans	\$2,036 87
Deposit	1,433 91
Taxes	56,173 56
Tax title redemptions	8,465 98

68,110 32

PREMIUMS

Bond issues, general loans	6,180 89
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DEBT

From sinking funds to pay maturing debt	150,000 00
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LOANS

Temporary loans in anticipation of revenue	\$5,400,000 00
Municipal relief	536,000 00
State tax funding	250,000 00

6,186,000 00

INCOME — TRUST FUNDS

Bridge Fund	\$60 28
Callanan Fund	40 00
Citizen of Cambridge Fund	163 00
Citizens' Subscription Fund	135 00
Cummings Fund	50 00
Fay Fund	25 00
Freese Fund	4 12
Harding Fund	25 00
Hardy Fund	9 00
Kingman Fund	42 50
Howe Fund	75 00
Murdock Fund	50 00
Russell Fund	20 36
Sanders Fund	600 00
Carrie Saunders Fund	25 00
William Saunders Fund	175 00
Thierry Fund	7 37
Whorf Fund	145 00
Woolson Fund	125 00

1,776 63

Amount carried forward \$15,609,540 18

Maintenance and Operation—Concluded

Amount brought forward \$15,609,540 18

MISCELLANEOUS

Telephone Exchange — tolls	\$ 75
Commission, telephone pay stations	27 38
Sale of city land	11,355 00
Rents — tax possessions	130 00
Tufenkjian, constable, discrepancy	1,636 35
Damage to city property	316 20
Conscience fund	2 00

13,467 68

REFUNDS OF PRIOR EXPENDITURES

Executive	\$7 50
Law	842 70
Treasury	719 94
Engineering	30 00
Police	3,553 70
Fire	46 47
Street	31,834 00
Health	62 50
Hospital	10 00
Public Welfare, Outside Aid	7,967 99
Public Welfare, Old Age Assistance	1,265 68
Soldiers' Benefits	1,383 00
Pensions	250 00
School	114 77
Library	11 86
Park	28 40
Telephone Exchange	300 00

48,428 51

Total, Maintenance and Operation 15,671,436 37

TEMPORARY ACCOUNTS**TRUST AND INVESTMENT FUNDS**

Cemetery Perpetual Care Fund	\$3,238 50
Retirement Systems, pay roll deductions	47,718 93

50,957 43

GUARANTEE DEPOSITS**Contract Bids:**

Building Department	\$41,740 12
Election Department	600 00
Electrical Department	300 00
Engineering Department	200 00
Fire Department	1,300 00
Hospital Department	800 00
Library Department	1,600 00
Park Department	800 00
Police Department	700 00
Purchasing Department	7,375 00
School Department	1,950 00
Sewer Department	2,300 00
Soldiers' Benefits Department	200 00
Street Department	13,285 00
Water Department	2,300 00
Welfare Department	400 00

75,850 12

Amount carried forward \$15,798,243 92

Temporary Accounts — *Concluded*

Amount brought forward \$15,798,243 92

GUARANTEE DEPOSITS — *Concluded*

Departmental:		
Driveway	\$2,600 00	
License	154,409 10	
Street Opening	600 00	
Park	105 00	
Sidewalk	4,356 06	
Plans	110 00	
	<hr/>	162,180 16

AGENCY

City Clerk, dog licenses	\$2,856 20	
City Clerk, hunting and fishing licenses	2,237 75	
Constables' fees	858 14	
In lieu of surety bonds	2,200 00	
Cambridge Retirement System refunds	5,968 77	
Tax titles held by individuals	3,361 82	
Teachers' Retirement System	64,160 86	
Boston Retirement System	62 40	
Health Department	50 00	
Taxes paid in advance	2 00	
Unidentified receipt	2 35	
Counsel fees — foreclosed property	25 00	
	<hr/>	81,785 29
<i>Total, Temporary Accounts</i>		370,773 00

MUNICIPAL ENTERPRISE

WATER

Metered rates	\$474,611 72	
Annual rates	3,343 61	
Miscellaneous receipts:		
Cleaning supply	\$155 00	
Maintenance	1,316 02	
Off and on	415 00	
Rents	943 90	
Fire supply	65 00	
Setting meters	10 77	
Supply	3,834 99	
Supply renewals	6,525 93	
Telephone tolls	29 70	
Sale of junk	137 21	
Sale of used equipment	100 00	
	<hr/>	13,533 52
	<hr/>	491,488 85

REFUNDS OF PRIOR EXPENDITURES

General Maintenance	16 30	
<i>Total, Municipal Enterprise</i>	491,505 15	
<i>Amount carried forward</i>	\$16,533,714 52	

Amount brought forward \$16,533,714 52

OUTLAYS

PERMANENT IMPROVEMENTS

LOANS

Sewer construction	\$200,000 00	
Street construction	600,000 00	
Departmental equipment (street)	50,000 00	
Repair of bridges (PWA)	71,000 00	
		<u>921,000 00</u>

PWA GRANTS FOR BUILDING CONSTRUCTION

Library, docket No. 1453-F	\$20,230 91	
Webster School, docket No. 1463-F	124,726 00	
High and Latin School, docket No. 1441-F	212,500 00	
City Hospital (Maternity Building), docket No. 1452-F	105,000 00	
Municipal Incinerator, docket No. 1443-F	82,556 25	
Municipal Garage, docket No. 1442-F	61,250 00	
Tuberculosis Hospital, docket No. 1416-F	140,000 00	
Repair of bridges, docket No. 1612-F	44,800 00	
		<u>791,063 16</u>

SEWER ASSESSMENT REVENUE

RESERVED FOR SEWER CONSTRUCTION

Apportioned, added to taxes 1930	\$113 75	
Apportioned, added to taxes 1937	48 13	
Apportioned, added to taxes 1938	517 01	
Apportioned, added to taxes 1939	517 01	
Committed interest	539 94	
		<u>\$1,735 84</u>
Town of Belmont	15,000 00	
		<u>16,735 84</u>

SIDEWALK ASSESSMENT REVENUE

RESERVED FOR SIDEWALK CONSTRUCTION

Apportioned, paid in advance	\$104 44	
Apportioned, added to taxes 1937	150 77	
Apportioned, added to taxes 1938	149 82	
Apportioned, added to taxes 1939	168 68	
Committed interest	115 39	
		<u>689 10</u>

SIDEWALK REVENUE RESERVED FOR SIDEWALK CONSTRUCTION	
Sundry persons for materials	4,352 40

STREET CONSTRUCTION REVENUE

RESERVED FOR STREET CONSTRUCTION

From State:	
Construction Mount Auburn Street	\$9,308 54
From County:	
Construction Mount Auburn Street	4,654 27
	<u>\$13,962 81</u>
Water Department, reconstructing pavement	948 69
	<u>14,911 50</u>

REFUNDS OF PRIOR EXPENDITURES

Sewer construction	584 90
Total, Outlays	<u>1,749,336 90</u>

Total income	\$18,283,051 42
Cash balance January 1, 1939	2,546,983 85

Grand total	<u><u>\$20,830,035 27</u></u>
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PAYMENTS

MAINTENANCE AND OPERATION

GENERAL GOVERNMENT

CITY COUNCIL

Personal Service:		
Permanent employees	\$7,500 00	
Service other than Personal:		
Transportation of persons	98 00	
Supplies:		
Food	1,766 20	
	<u> </u>	\$9,364 20

CLERK OF COMMITTEES

Personal Service:		
Permanent employees	\$7,516 00	
Service other than Personal:		
Printing and binding	\$3 25	
Postage	22 00	
Service not otherwise coded	12 00	
	<u> </u>	37 25
Supplies:		
Office	35 95	
	<u> </u>	7,589 20

EXECUTIVE

Personal Service:		
Permanent employees	\$16,626 00	
Service other than Personal:		
Printing and binding	\$26 50	
Postage	125 00	
Rentals	154 00	
Motor vehicle care and repair	102 55	
Fees	2 00	
Service not otherwise coded	33 00	
	<u> </u>	443 05
Equipment:		
Furniture and fittings	\$6 00	
Office	283 80	
	<u> </u>	289 80
Supplies:		
Office	\$390 38	
Motor vehicle, gasoline and oil	590 00	
Motor vehicle, parts	231 66	
	<u> </u>	1,212 04
Special Items:		
Entertainment of distinguished guests	\$1,162 40	
U. S. conference of mayors	150 00	
	<u> </u>	1,312 40
	<u> </u>	19,883 29
Amount carried forward		\$36,836 69

General Government — Continued

Amount brought forward \$36,836 69

EXECUTIVE — Concluded

WPA Administration in Executive Department:

Employees \$39,975 30

Expenses:

Office supplies \$2,999 12

First aid supplies 261 42

WPA Project No. 17722, personal service records 151 80

Transportation to state projects 1,332 00

Materials for equipment of quarters 1,389 25

6,133 59

46,108 89

AUDITING

Personal Service:

Permanent employees \$13,588 67

Service other than Personal:

Printing and binding \$74 50

Rentals 51 00

Service not otherwise coded 90 30

215 80

Equipment:

Office 13 50

Supplies:

Office 544 33

14,362 30

BUDGET EXAMINER

Personal Service:

Permanent employee \$3,000 00

Service other than Personal:

Printing and binding \$639 50

Postage 2 20

641 70

Equipment:

Office 3 40

Supplies:

Office 11 45

Special Items:

WPA Project No. 465-14-3-675, inventory of equipment and supplies of city 2,228 22

5,884 77

TREASURY

Personal Service:

Permanent employees \$43,240 00

Temporary employees 3,497 92

Collection of departmental bills 347 53

\$47,085 45

Amounts carried forward \$47,085 45 \$103,192 65

General Government — Continued

Amounts brought forward \$47,085 45 \$103,192 65

TREASURY — Concluded

Service other than Personal:

Printing and binding	\$71 50	
Postage	2,680 53	
Advertising and posting	313 50	
Cartage and freight	20	
Certification of revenue notes	1,948 45	
Rentals	389 00	
Premium on surety bond	1,785 00	
Communication	211 91	
Motor vehicle, repairs and care	50	
Fees	174 84	
Service not otherwise coded	99 50	
	<hr/>	7,674 93

Equipment:

Office		113 58
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Supplies:

Office	\$1,629 51	
Motor vehicle, gasoline and oil	120 75	
Supplies not otherwise coded	97 57	
Motor vehicle, parts	106 28	
	<hr/>	1,954 11

56,828 07

ADMINISTRATION OF SINKING FUNDS

Personal Service:

Permanent employees	\$600 00	
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Service other than Personal:

Rental	40 00	
	<hr/>	640 00

ASSESSING

Personal Service:

Permanent employees	\$21,169 50	
Temporary employees	5,615 00	
	<hr/>	\$26,784 50

Service other than Personal:

Printing and binding	\$28 00	
Postage	109 00	
Transportation of persons	299 68	
Rentals	88 00	
Service not otherwise coded	132 53	
Travel outside of state	373 78	
	<hr/>	1,030 99

Supplies:

Office	663 14	
	<hr/>	28,478 63

LICENSE COMMISSION

Personal Service:

Permanent employees	\$7,551 52	
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Service other than Personal:

Postage	\$30 00	
Service not otherwise coded	8 00	
	<hr/>	38 00

Amounts carried forward \$7,589 52 \$189,139 35

General Government — Continued

Amounts brought forward \$7,589 52 \$189,139 35

LICENSE COMMISSION — Concluded

Supplies:

Office	\$164 34	
Badges	39 50	
	<hr/>	203 84

7,793 36

CITY CLERK

Personal Service:

Permanent employees	\$18,296 00
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Service other than Personal:

Printing and binding	\$191 50	
Postage	246 50	
Advertising and posting	885 34	
Transportation of persons	45 00	
Cartage and freight	75	
Rentals	48 00	
Premium on surety bond	45 00	
Fees	359 01	
Service not otherwise coded	20 21	
	<hr/>	1,841 31

Equipment:

Furniture and fittings	\$77 00	
Office	80 15	
	<hr/>	157 15

Supplies:

Office	\$557 46	
Library	26 00	
Supplies not otherwise coded	3 38	
	<hr/>	586 84

20,881 30

CITY MESSENGER

Personal Service:

Permanent employee	\$3,200 00
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Service other than Personal:

Postage	\$6 75	
Transportation of persons	5 00	
	<hr/>	11 75

Supplies:

Office	44 97	
	<hr/>	

3,256 72

LAW

Personal Service:

Permanent employees	\$11,616 00	
Temporary employees	130 00	
	<hr/>	\$11,746 00

Amounts carried forward	\$11,746 00	<hr/> \$221,070 73
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General Government — Continued

Amounts brought forward \$11,746 00 \$221,070 73

LAW — Concluded

Service other than Personal:			
Printing and binding	\$115 50		
Postage	40 06		
Advertising and posting	4 50		
Transportation of persons	27 44		
Light and power	28 40		
Rental	798 00		
Communication	136 64		
Cleaning	72 00		
Stenographic	22 50		
Fees	6,056 59		
Photographic and blueprinting	102 03		
		7,403 66	
Supplies:			
Office	\$150 15		
Library	39 00		
		189 15	
			19,338 81

ELECTION COMMISSION

Personal Service:			
Permanent employees	\$11,508 34		
Temporary employees	12,558 16		
		\$24,066 50	
Service other than Personal:			
Printing and binding	\$4,479 87		
Postage	502 00		
Advertising and posting	394 13		
Transportation of persons	165 00		
Cartage and freight	1,465 00		
Rental	935 00		
Insurance	67 50		
Communication	170 17		
Service not otherwise coded	295 78		
		8,474 45	
Equipment:			
Furniture and furnishings	\$108 00		
Equipment not otherwise coded	1,973 00		
		2,081 00	
Supplies:			
Office	\$203 74		
Supplies not otherwise coded	143 88		
		347 62	
			34,969 57

ENGINEERING

Personal Service:			
Permanent employees	\$25,449 67		
Temporary employees	267 00		
		\$25,716 67	
Amounts carried forward		\$25,716 67	\$275,379 11

General Government — Continued

Amounts brought forward \$25,716 67 \$275,379 11

ENGINEERING — Concluded

Service other than Personal:

Printing and binding	\$21 00	
Postage	14 50	
Advertising and posting	7 00	
Transportation of persons	1 60	
Rentals	50 00	
Motor vehicle, repairs and care	2 22	
Medical	2 00	
Fees	4 00	
Photographic and blueprinting	13 00	
	<hr/>	115 32

Equipment:

Motor vehicle	\$675 00	
Office	107 73	
	<hr/>	782 73

Supplies:

Office	\$97 26	
Motor vehicle, gasoline and oil	61 80	
Supplies not otherwise coded	15 36	
Motor vehicle, parts	5 12	
	<hr/>	179 54

Special Items:

WPA Project No. 165-14-6999, supplies for side-walk survey		154 85
	<hr/>	

26,949 11

INSPECTION OF BUILDINGS

Personal Service:

Permanent employees	\$22,108 00	
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Service other than Personal:

Printing and binding	\$5 00	
Postage	20 00	
Transportation of persons	130 00	
Cartage and freight	1 25	
Rentals	44 00	
Motor vehicle, repairs and care	138 90	
Fees	6 00	
Service not otherwise coded	2 50	
	<hr/>	347 65

Equipment:

Furniture and fittings		42 00
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Supplies:

Office	\$212 06	
Motor vehicle, gasoline and oil	102 31	
Motor vehicle, parts	232 92	
	<hr/>	547 29

23,044 94

Amount carried forward		<hr/>	\$325,573 16
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General Government — *Concluded*

Amount brought forward \$325,573 16

MUNICIPAL BUILDINGS

Personal Service:

Permanent employees	\$31,332 00	
Temporary employees	220 00	
	<hr/>	\$31,552 00

Service other than Personal:

Cartage and freight	\$1 79	
Light and power	3,848 82	
Insurance	167 48	
Service not otherwise coded	1,026 39	
Laundering towels	98 74	
	<hr/>	5,143 22

Equipment:

Furniture and furnishings		44 62
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Supplies:

Fuel	\$3,177 33	
Laundry, cleaning	191 06	
Chemicals and disinfectants	54 00	
Supplies not otherwise coded	1,413 61	
	<hr/>	4,836 00

Materials:

Building		102 00
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Special Items:

Retirement system office, Room 33 . .	\$400 00	
Cleaning and painting in police stations No. 3 and No. 4	490 65	
Repairs in ladies' room in City Hall .	75 00	
WPA Project No. 465-14-2-61, repairs to engine house No. 4	4,600 71	
WPA Project No. 465-14-3-699, cleaning and renovating public buildings	238 39	
Elevator inspection service	40 00	
	<hr/>	5,844 75

47,522 59

PROTECTION OF LIFE AND PROPERTY
POLICE

Personal Service:

Permanent employees	\$518,444 21
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Service other than Personal:

Postage	\$250 00	
Advertising and posting	11 00	
Transportation of persons	24 50	
Cartage and freight	1 07	
Light and power	1,319 50	
Communication	2,484 85	
Motor vehicle, care and repairs	103 25	
Stenographic	7 50	
Fees	4 00	
Service not otherwise coded	56 60	
Travel outside of state	250 00	
	<hr/>	4,512 27

<i>Amounts carried forward</i>	\$522,956 48	\$372,895 75
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Protection of Life and Property — *Continued*

Amounts brought forward \$522,956 48 \$372,895 75

POLICE — *Concluded*

Equipment:

Motor vehicles \$3,145 52
 Office 107 73
 Tools and instruments 269 04
 Auto tools, workshop, etc. 56 59
 Accident investigation equipment 4 95
 Wearing apparel 3,175 55
 Regalia 125 52

6,884 90

Supplies:

Office \$1,193 26
 Food 91 95
 Laundry, cleaning 71 64
 Motor vehicle, gasoline and oil 3,856 09
 Supplies not otherwise coded 473 52
 Motor vehicle, parts 1,519 23

7,205 69

537,047 07

FIRE

Personal Service:

Permanent employees \$506,313 74

Service other than Personal:

Printing and binding \$15 00
 Postage 8 90
 Advertising and posting 11 75
 Cartage and freight 18 13
 Light and power 1,866 68
 Communication 22 43
 Motor vehicle, repairs and care 94 33
 Boiler inspection 40 00
 Service not otherwise coded 24 74
 Travel out of state 270 00

2,371 96

Equipment:

Motor vehicle \$12,450 00
 Furniture and furnishings 244 20
 Tools and instruments 82 22
 Wearing apparel 476 65
 Equipment not otherwise coded 2,945 85
 Regalia 112 75

16,311 67

Supplies:

Office \$190 25
 Fuel 2,718 40
 Medical 26 03
 Laundry, cleaning 1,281 28
 Motor vehicle, gasoline and oil 1,357 24
 Chemicals and disinfectants 354 19
 Supplies not otherwise coded 1,036 99
 Motor vehicle, parts 1,271 11

8,235 49

Special Items:

Building repairs 538 09

533,770 95

Amount carried forward \$1,443,713 77

Protection of Life and Property — *Continued*

Amount brought forward \$1,443,713 77

ELECTRICAL

Personal Service:

Permanent employees.....	\$58,769 25	
Temporary employees.....	2,170 00	
	<hr/>	\$60,939 25

Service other than Personal:

Postage.....	\$22 50	
Advertising and posting.....	5 00	
Transportation of persons.....	67 00	
Cartage and freight.....	22	
Light and power.....	340 20	
Premium on surety bond.....	15 00	
Communication.....	1,121 36	
Motor vehicle, repairs and care....	32 15	
Fees.....	12 00	
Service not otherwise coded.....	21 75	
Radio repairs.....	225 07	
	<hr/>	1,862 25

Equipment:

Cable, wire, apparatus.....	\$227 52	
Office.....	107 73	
Tools and instruments.....	12 07	
Fire alarm boxes.....	2,488 36	
Police box.....	1,000 00	
	<hr/>	3,835 68

Supplies:

Office.....	\$80 76	
Motor vehicle, gasoline and oil....	407 40	
Supplies not otherwise coded.....	530 64	
Motor vehicle, parts.....	39 91	
Radio.....	1,160 77	
	<hr/>	2,219 48

Materials:

Electrical.....		68 00
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Special Items:

Traffic signals.....	\$119 48	
Hurricane damage.....	782 50	
Fire box howlers.....	90 00	
	<hr/>	991 98

69,916 64

STREET LIGHTING AND TRAFFIC SIGNALS

Service other than Personal:

Lighting streets.....	\$126,387 17
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Electrical Traffic Signals:

Current for traffic signals and spot- lights.....	\$3,926 72	
Lamp renewals.....	207 36	
Signal repairs.....	370 27	
	<hr/>	4,504 35

130,891 52

Amount carried forward \$1,644,521 93

Protection of Life and Property — *Concluded*

Amount brought forward \$1,644,521 93

SEALER OF WEIGHTS AND MEASURES

Personal Service:

Permanent employees \$10,140 00

Service other than Personal:

Postage.....	\$6 30	
Advertising and posting.....	2 50	
Transportation of persons.....	4 00	
Communication.....	35 07	
Motor vehicle, repairs and care....	20 35	
Fees.....	12 00	
	<hr/>	80 22

Equipment:

Tools and instruments..... 50 80

Supplies:

Office.....	\$53 10	
Laundry, cleaning.....	10 00	
Motor vehicle, gasoline and oil....	119 68	
Supplies not otherwise coded.....	2 35	
Motor vehicle, parts.....	58 97	
	<hr/>	244 10

10,515 12

PARK — FORESTRY

Personal Service:

Permanent employees.....	\$19,847 01	
Temporary employees.....	150 00	
	<hr/>	\$19,997 01

Service other than Personal:

Postage.....	\$2 70	
Advertising and posting.....	5 40	
Motor vehicle, repairs and care....	78 45	
Medical.....	4 00	
Service not otherwise coded.....	15 00	
	<hr/>	105 55

Supplies:

Office.....	\$25 24	
Motor vehicle, gasoline and oil....	138 29	
Chemicals and disinfectants.....	143 63	
Supplies not otherwise coded.....	187 16	
Motor vehicle, parts.....	67 42	
	<hr/>	561 74

Special Items:

WPA Project No. 665-14-2-844, extermination of moths.....	147 94	
	<hr/>	20,812 24

Amount carried forward \$1,675,849 29

HEALTH AND SANITATION

Amount brought forward \$1,675,849 29

HEALTH — GENERAL

Personal Service:

Medical inspectors.....	\$3,500 00
Sanitary inspectors.....	7,820 00
Inspectors of provisions and slaughtering.....	8,559 17
Housing inspector.....	2,700 00
Office employees.....	7,761 00
Social worker.....	1,900 00
School physicians and school nurses.	22,821 44
Infant welfare nurses.....	6,500 00
T. B. Dispensary physician and nurses.....	3,901 80
Contagious nurses.....	3,400 00
Schick testing physician.....	1,500 00
Clinic nurse.....	1,700 00

\$72,063 41

Temporary employees..... 92 05

\$72,155 46

Service other than Personal:

Printing and binding.....	\$83 25
Postage.....	280 00
Transportation of persons.....	750 00
Rentals.....	40 00
Communication.....	206 41
Motor vehicle, repairs and care....	66 00
Care of persons.....	17,667 59
Fees.....	8 00
Service not otherwise coded.....	1 50

19,102 75

Equipment:

Tools and instruments..... 20 00

Supplies:

Office.....	\$297 24
Motor vehicle, gasoline and oil....	108 66
Motor vehicle, parts.....	61 87

467 77

Special Items:

Annual examination of school children	\$4,333 40
Infant welfare.....	49 79
Schick clinics.....	48 18
T. B. Dispensary.....	20 05
School inspection.....	53 50
Eyeglasses for needy children.....	868 55

5,373 47

97,119 45

TUBERCULOSIS HOSPITAL

Personal Service:

Permanent employees.....	\$37,054 85
Temporary employees.....	1,942 08

\$38,996 93

Amounts carried forward \$38,996 93 \$1,772,968 74

Health and Sanitation — Continued

Amounts brought forward \$38,996 93 \$1,772,968 74

TUBERCULOSIS HOSPITAL — Concluded

Service other than Personal:

Postage	\$30 00	
Cartage and freight . . . . .	.2 66	
Light and power	116 96	
Communication	149 81	
Medical	3,713 13	
Extermination of insects	47 00	
Service not otherwise coded	237 50	
	<hr/>	4,297 06

Equipment:

Tools and instruments	\$10 25	
Sanitary	8 50	
	<hr/>	18 75

Supplies:

Office	\$160 92	
Food and ice	17,655 86	
Fuel	3,728 72	
Medical	1,733 83	
Laundry, cleaning	474 57	
Educational and recreational, occupational therapy	300 70	
Chemicals and disinfectants	18 44	
Supplies not otherwise coded	403 31	
Bedding and linen	10 80	
Engine and fire room	345 86	
	<hr/>	24,833 01

Special Items:

Workingmen's compensation	79 31	
	<hr/>	68,225 06

LABORATORY

Personal Service:

Permanent employees	\$7,100 00	
Temporary employees	35 00	
	<hr/>	\$7,135 00

Service other than Personal:

Postage	\$10 00	
Transporation of persons	10 00	
Motor vehicle, repairs and care	11 00	
	<hr/>	31 00

Supplies:

Office	\$46 78	
Medical, surgical, laboratory	76 85	
Motor vehicle, gasoline and oil	58 96	
Motor vehicle, parts	9 32	
	<hr/>	191 91
	<hr/>	7,357 91

DENTAL CLINICS

Personal Service:

Permanent employees	\$14,690 00	
Temporary employees	400 00	
	<hr/>	\$15,090 00

Amounts carried forward	\$15,090 00	\$1,848,551 71
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Health and Sanitation — Continued

Amounts brought forward \$15,090 00 \$1,848,551 71

DENTAL CLINICS — Concluded

Supplies:			
Office	\$9 25		
Medical, surgical, laboratory	387 28		
		396 53	
			15,486 53

INSPECTION OF ANIMALS

Personal Service:		
Permanent employee		1,928 76

SEWER MAINTENANCE

Personal Service:		
Permanent employees	\$31,999 76	

Service other than Personal:		
Postage	\$12 70	
Advertising and posting	10 50	
Cartage and freight	1 25	
Light and power	45 19	
Communication	83 38	
Motor vehicle, repairs and care	48 00	
Medical	62 00	
Fees	22 00	
		285 02

Equipment:		
Apparatus, cable, wire	\$22 76	
Machinery	1,840 00	
Motor vehicle	2,745 88	
Furniture and fittings	46 00	
Tools and instruments	14 70	
Wearing apparel	41 75	
		4,711 09

Supplies:		
Office	\$43 96	
Fuel	156 62	
Medical	6 00	
Motor vehicle, gasoline and oil	196 91	
Supplies not otherwise coded	67 34	
Motor vehicle, parts	436 99	
		907 82

Materials:		
Sewer		24 99

Special Items:		
Workingmen's compensation	172 28	
		38,100 96

STREET SANITARY

Personal Service:		
Permanent employees	\$229,762 57	

Service other than Personal:		
Cartage and freight	\$ 13	
Hire of auto trucks	459 80	
Motor vehicle, repairs and care	294 00	
Medical	510 45	
Fees	90 00	
		1,354 38

Amounts carried forward	\$231,116 95	\$1,904,067 96
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Health and Sanitation — *Concluded*

Amounts brought forward \$231,116 95 \$1,904,067 96

STREET SANITARY — *Concluded*

Supplies:

Motor vehicle, gasoline and oil	\$7,738 57	
Supplies not otherwise coded	342 61	
Motor vehicle, parts	3,215 35	
	<hr/>	11,296 53

Special Items:

Workingmen's compensation	1,531 27	
	<hr/>	243,944 75

HIGHWAYS AND BRIDGES

STREET MAINTENANCE

Personal Service:

Permanent employees	\$199,970 18
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Service other than Personal:

Printing and binding	\$6 00	
Postage	25 00	
Advertising and posting	31 25	
Cartage and freight	4 15	
Hire of auto trucks	863 30	
Light and power	1,134 44	
Rentals	30 00	
Motor vehicle, repairs and care	634 40	
Snow removal	14,963 67	
Medical	315 00	
Stenographic	20 52	
Fees	117 00	
Boiler inspection	37 00	
Service not otherwise coded	182 65	
	<hr/>	18,364 38

Equipment:

Furniture and fittings	\$10 40	
Tools and instruments	213 01	
Sanitary	81 25	
	<hr/>	304 66

Supplies:

Office	\$444 75	
Fuel	109 11	
Medical	44 45	
Motor vehicle, gasoline and oil	1,058 24	
Supplies not otherwise coded	3,614 54	
Motor vehicle, parts	4,736 07	
	<hr/>	10,007 16

Materials:

Building	\$270 52	
Highway	1,837 69	
Bridges	128 93	
	<hr/>	2,237 14

Special Items:

Hurricane damage	\$15,172 88	
Workingmen's compensation	3,455 10	
	<hr/>	18,627 98

249,511 50

Amount carried forward \$2,397,524 21

Highways and Bridges — Concluded

Amount brought forward \$2,397,524 21

STREET SHOP AND GARAGE

Personal Service:

Permanent employees \$27,998 53

Service other than Personal:

Cartage and freight \$ 27

Light and power 536 75

Communication 474 01

Service not otherwise coded 30 00

1,041 03

Supplies:

Fuel \$1,377 87

Supplies not otherwise coded 437 56

1,815 43

30,854 99

BOSTON AND CAMBRIDGE BRIDGES

Personal Service:

Permanent employees \$1,860 00

Service other than Personal:

Light and power 2,074 60

Supplies:

Office \$9 95

Supplies not otherwise coded 17 37

27 32

Special Items:

Boston Retirement System 877 00

4,838 92

CHARITIES**MUNICIPAL HOSPITAL**

Personal Service:

Permanent employees \$129,379 87

Temporary employees 6,355 18

General duty nurses 19,985 67

\$155,720 72

Service other than Personal:

Printing and binding \$15 00

Postage 369 75

Advertising and posting 5 00

Transportation of persons 103 00

Cartage and freight 55 21

Light and power 6,853 55

Insurance 93 25

Communication 2,067 76

Motor vehicle, repairs and care 1 00

Examinations 257 00

Service not otherwise coded 3,283 49

Graduation expenses 46 00

13,150 01

Amounts carried forward \$168,870 73 \$2,433,218 12

Charities — Continued

Amounts brought forward \$168,870 73 \$2,433,218 12

MUNICIPAL HOSPITAL — Concluded

Equipment:

Furniture and furnishings	\$1,029 31	
Office	170 50	
Medical, surgical, laboratory	756 50	
Equipment not otherwise coded	1,817 50	
	<hr/>	3,773 81

Supplies:

Office	\$1,534 62	
Food and ice	51,129 05	
Fuel	8,695 32	
Medical	28,791 48	
Laundry, cleaning	3,217 56	
Motor vehicle, gasoline and oil	110 00	
Supplies not otherwise coded	8,396 94	
Motor vehicle, parts	182 89	
	<hr/>	102,057 86

Special Items:

Subscriptions	\$149 50	
WPA Project No. 465-14-2-89, tunnel materials	305 44	
WPA Project No. 465-14-2-770, landscaping and improving grounds	320 50	
WPA Project No. 465-14-3-807, cataloguing and filing	869 62	
Workingmen's compensation	415 50	
	<hr/>	2,060 56

276,762 96

OUTSIDE AID

Personal Service:

Permanent employees	\$28,204 69	
Temporary employees	5,107 04	
	<hr/>	\$33,311 73

Service other than Personal:

Printing and binding	\$15 00	
Postage	450 00	
Transportation of persons	700 00	
Cartage and freight	52	
Communication	486 74	
Fees	125 00	
Service not otherwise coded	2 50	
	<hr/>	1,779 76

Supplies:

Office		833 20
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Special Items:

Burials	\$1,441 00	
Cash aid	854,272 20	
Clothing	3,433 58	
Food	8,155 82	
Fuel	33,366 75	
Medical	5,638 35	
Mothers' aid	215,361 05	

Amounts carried forward \$1,121,668 75 \$35,924 69 \$2,709,981 08

Charities — *Continued*

Amounts brought forward \$1,121,668 75 \$35,924 69 \$2,709,981 08

OUTSIDE AID — *Concluded*

State, cities and towns	98,528 57		
Institutional cases	20,775 97		
WPA Project No. 65-14-S-67, rental of distributing stations; supplies.	2,855 77		
WPA Project No. 465-14-3-460, sewing	456 06		
WPA Project No. 665-14-3-467, supplies, household aid	190 09		
WPA Project No. 465-14-2-841, repairing toys	157 36		
	<u>1,244,632 57</u>		
			1,280,557 26

BUREAU OF OLD AGE ASSISTANCE

Personal Service:			
Permanent employees	\$8,476 00		
Temporary employees	396 00		
	<u>\$8,872 00</u>		
Service other than Personal:			
Postage	\$799 47		
Transportation of persons	250 00		
Cartage and freight	3 00		
	<u>1,052 47</u>		
Equipment:			
Office		669 60	
Supplies:			
Office		446 48	
Special Items:			
Old age assistance		497,159 09	
		<u>508,199 64</u>	

CITY PHYSICIAN

Personal Service:			
Permanent employees	\$3,000 00		
Temporary employees	2,400 00		
	<u>\$5,400 00</u>		
Service other than Personal:			
Communication		65 13	
Supplies:			
Office		39 55	
Special Items:			
WPA Project No. 665-14-3-268, registered nurses		571 36	
		<u>6,076 04</u>	

PUBLIC WELFARE — CITY INFIRMARY

Personal Service:			
Permanent employees	\$32,265 49		
Temporary employees	230 50		
	<u>\$32,495 99</u>		
<i>Amounts carried forward</i>		\$32,495 99	\$4,504,814 02

Charities — Continued

Amounts brought forward \$32,495 99 \$4,504,814 02

PUBLIC WELFARE — CITY INFIRMARY — Concluded

Service other than Personal:

Postage	\$20 00
Transportation of persons	330 00
Cartage and freight	4 35
Light and power	2,471 84
Communication	185 10
Medical	60 00
Boiler inspection	20 00
Service not otherwise coded	360 15
Burials	441 00

3,892 44

Equipment:

• Medical, surgical, laboratory	\$55 20
Wearing apparel	626 26

681 46

Supplies:

Office	\$26 08
Food and ice	22,313 17
Fuel	4,014 00
Medical, surgical	520 87
Laundry, cleaning	512 22
Motor vehicle, gasoline and oil	3 60
Chemicals and disinfectants	62 70
Tobacco	651 98
Supplies not otherwise coded	1,182 36
Bedding and linen	298 98

29,585 96

Special Items:

Boiler repairs	178 75
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66,834 60

SOLDIERS' BENEFITS

Personal Service:

Permanent employees	\$8,600 00
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Service other than Personal:

Postage	\$15 00
Advertising and posting	4 50
Transportation of persons	50 00
Cartage and freight	21

69 71

Supplies:

Office	30 68
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Special Items:

Care of soldiers' graves	\$633 70
State aid and military aid, soldiers' relief and burials	85,109 93

85,743 63

94,444 02

MUNICIPAL PENSIONS

Personal Service:

Permanent employees	\$400 00
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Supplies:

Office	6 20
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Amounts carried forward \$406 20 \$4,666,092 64

Charities — *Concluded*

Amounts brought forward..... \$406 20 \$4,666,092 64

MUNICIPAL PENSIONS — *Concluded*

Municipal Pensions:

Treasury	\$591 35	
License	689 00	
Engineering	946 40	
Building	1,000 50	
Police	49,634 20	
Fire	68,681 50	
Health	3,814 89	
Sewer	9,143 33	
Street	71,515 93	
Welfare	315 42	
School	2,011 10	
Park	3,025 64	
		211,369 26

211,775 46

EDUCATION

SCHOOL DEPARTMENT

For:

Salaries of Superintendent and Assistant Superintendent of Schools	\$12,566 67	
Other general administrative salaries	55,012 83	
Athletic clothing	1,894 08	
Care of truants	110 00	
Christmas tree celebrations	58 15	
Compensation	500 00	
Extra museum service	96 00	
Fuel	24,795 19	
Furniture and furnishings	1,668 76	
General expenses	6,696 80	
Heat at Rindge	20,861 68	
Janitors' and matrons' salaries	131,269 50	
Janitors' supplies	3,486 53	
Light and power	11,595 79	
Lunch room supplies	11,500 58	
Minors' license refunds	50 25	
Museum supplies	229 33	
Nursery supplies	1,276 90	
Other expenses	6,812 16	
Pensions	1,996 43	
Repairs	12,257 03	
Retirement system	4,798 20	
School physician (salary)	1,000 00	
Supplies	30,401 52	
Teachers' Salaries:		
Day Schools	1,443,781 25	
Evening Schools	12,592 46	
Americanization	2,157 50	
Athletics	8,025 00	
Substitutes	22,714 50	
Teachers' examinations	263 39	
Text books	12,423 15	
Transportation of pupils	1,321 00	

Amounts carried forward..... \$1,844,212 63 \$4,877,868 10

Education — Concluded

Amounts brought forward \$1,844,212 63 \$4,877,868 10

SCHOOL DEPARTMENT — Concluded

Travel outside of state	100 00	
Tuition to other cities	906 11	
Vocational guidance lectures	150 00	
WPA Project No. 665-14-12799, bookmending . .	197 98	
WPA Project No. 665-14-2-79, Agassiz School..	205 96	
WPA Project No. 665-14-2-79, Fletcher School..	39 91	
WPA Project No. 665-14-2-79, Haggerty School.	85 66	
WPA Project No. 665-14-2-326, Kelley School..	32 09	
WPA Project No. 665-14-2-326, Leonard School.	653 81	
WPA Project No. 665-14-2-326, Lincoln School.	487 45	
WPA Project No. 665-14-2473, Morse School...	932 70	
WPA Project No. 665-14-2-326, Putnam School.	3,834 83	
WPA Project No. 65-1-14-84, Rindge Technical. School	61 47	
WPA Project No. 665-14-2-79, Thorndike School	14 35	
	<hr/>	1,851,914 95

LIBRARIES**CENTRAL LIBRARY AND BRANCHES****Personal Service:**

Permanent employees	\$60,642 77	
Temporary employees	246 67	
Pages	1,632 89	
	<hr/>	\$62,522 33

Service other than Personal:

Printing and binding	\$1,481 33	
Postage	159 35	
Transportation of persons	18 00	
Cartage and freight	19 91	
Light and power	1,227 74	
Rentals	1,863 00	
Insurance	356 50	
Communication	532 18	
Motor vehicle, repairs and care	1 00	
Cleaning	44 00	
Photographic and blueprinting	2 33	
Service not otherwise coded	70 08	
	<hr/>	5,775 42

Equipment:

Electrical	\$42 31	
Furniture and fittings	81 60	
Office	1 50	
	<hr/>	125 41

Supplies:

Office	\$969 86	
Fuel	892 53	
Library	11,479 79	
Laundry and cleaning	115 29	
Motor vehicle, gas and oil	50 70	
Supplies not otherwise coded	272 74	
Motor vehicle, parts	40	
	<hr/>	13,781 31

Amounts carried forward \$82,204 47 \$6,729,783 05

Libraries — *Concluded*

Amounts brought forward \$82,204 47 \$6,729,783 05

CENTRAL LIBRARY AND BRANCHES — *Concluded*

Special Items:

WPA Project No. 465-14-3-137 and No. 665-14-3-591, pamphlet and picture file	\$131 66
WPA Project No. 465-14-3-556, new shelf list of books at library	41 75
WPA Project No. 465-14-3-815, geographical survey of registered borrowers	89 99
WPA Project No. 465-14-3-685, his- torical bibliography of Cambridge material in public library	246 30
WPA Project No. 465-14-1-302, repairing roof at main library	4,586 57

5,096 27

87,300 74

RECREATION

PARK MAINTENANCE — GENERAL

Personal Service:

Permanent employees	\$56,547 07
Temporary employees	2,144 40

\$58,691 47

Service other than Personal:

Printing and binding	\$27 97
Postage	19 00
Cartage and freight	2 21
Light and power	279 20
Lighting parks	853 95
Rentals	40 00
Communication	159 71
Motor vehicle, repairs and care	117 87
Extermination of insects	22 50
Boiler inspection	20 00
Service not otherwise coded	543 15
Laundering towels	294 09

2,379 65

Equipment:

Electrical	\$11 64
Furniture and fittings	15 00
Equipment not otherwise coded	504 68

531 32

Supplies:

Office	\$144 07
Fuel	3,004 85
Laundry, cleaning	235 09
Recreational and educational	9 00
Motor vehicle, gasoline and oil	324 20
Chemicals and disinfectants	66 22
Supplies not otherwise coded	1,050 69
Motor vehicle, parts	216 77
New towels	125 40

5,176 29

<i>Amounts carried forward</i>	\$66,778 73	\$6,817,083 79
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Recreation — Continued

Amounts brought forward \$66,778 73 \$6,817,083 79

PARK MAINTENANCE — GENERAL — Concluded

Materials:

Highway 439 23

Special Items:

WPA Project No. 665-14-2-737, trim-
ming trees, removing stumps, etc. \$5,787,58

New heater and oil burner at Russell
Field 442 00

WPA Project No. 465-14-3-765,
census of trees on public streets . . 88 97

WPA Project No. 465-14-2-984, im-
provements at John J. Ahern Field 6,317 68

WPA Project No. 465-14-2-984,
Boardman School recreation center 23,686 05

WPA Project No. 465-14-2-984, construction of new club house at golf course:

Materials \$5,612 13

Architect's fee 600 00

6,212 13

WPA Project No. 465-14-2-984, im-
provements at Rindge Field 1,035 28

WPA Project No. 465-14-2-984, improvements at Cambridge Field:

Materials \$7,607 04

Architect's fee 601 32

8,208 36

WPA Project No. 465-14-2-984, con-
struction of concrete bleachers at
Russell E. Hoyt Field 7,261 78

WPA Project No. 465-14-2-984, im-
provements in library grounds . . . 2,823 89

61,863 72

129,081 68

PARK — GOLF COURSE

Personal Service:

Permanent employees \$3,816 00

Temporary employees 7,760 00

\$11,576 00

Service other than Personal:

Cartage and freight \$ 75

Light and power 16 65

Communication 40 00

Motor vehicle, repairs and care . . . 35 00

Service not otherwise coded 28 72

121 12

Equipment:

Tools and instruments 300 00

Supplies:

Office \$81 07

Laundry, cleaning 7 58

Agricultural 178 00

Motor vehicle, gasoline and oil 104 45

Supplies not otherwise coded 229 27

Motor vehicle, parts 24 42

624 79

12,621 91

Amount carried forward \$6,958,787 38

Recreation — Continued

Amount brought forward \$6,958,787 38

FLETCHER SCHOOL SHOWER BATHS

Personal Service:

Permanent employees \$1,615 00

Service other than Personal:

Cartage and freight \$ 18

Laundrying towels 138 68

138 86

Supplies:

Laundry, cleaning \$24 62

New towels 26 87

51 49

1,805 35

HAGGERTY SCHOOL SHOWER BATHS

Personal Service:

Permanent employees \$905 00

Service other than Personal:

Cartage and freight \$ 18

Laundrying towels 27 50

27 68

Supplies:

Laundry, cleaning \$24 62

New towels 26 87

51 49

984 17

ROBERTS SCHOOL SHOWER BATHS

Personal Service:

Permanent employees \$653 50

Service other than Personal:

Cartage and freight \$ 18

Laundrying towels 84 64

84 82

Supplies:

Laundry, cleaning \$24 62

New towels 26 88

51 50

789 82

THORNDIKE SCHOOL SHOWER BATHS

Personal Service:

Permanent employees \$675 00

Service other than Personal:

Cartage and freight \$ 19

Laundrying towels 61 62

61 81

Supplies:

Laundry, cleaning \$24 63

New towels 26 88

51 51

788 32

Amount carried forward \$6,963,155 04

Recreation — *Concluded*

Amount brought forward \$6,963,155 04

PARK PLAYGROUNDS

Personal Service:

Permanent employees	\$16,003 00	
Temporary employees	15,105 82	
	<hr/>	\$31,108 82

Service other than Personal:

Postage	\$30 00	
Rentals	192 50	
Motor vehicle, care and repairs . . .	57 25	
Service not otherwise coded	17 50	
	<hr/>	297 25

Supplies:

Office	\$129 55	
Medical, surgical, laboratory	22 68	
Educational and recreational	1,069 96	
Motor vehicle, gasoline and oil	62 18	
Supplies not otherwise coded	9 61	
Motor vehicle, parts	96 99	
	<hr/>	1,390 97

Special Items:

WPA Project No. 65-14-7070, recrea- tion among the colored population		317 97
		<hr/>

33,115 01

UNCLASSIFIED

DAMAGES TO PERSONS AND PROPERTY

Executions of the Court:

Mosier B. Goldberg, Attorney for Mary Corrigan	\$450 00
Frank Ramacorti, Attorney for Alice Manser Malloy	136 00
Louis L. Green, Attorney for Bertha Govenar	850 00
Louis L. Green, Attorney for David Sherer	650 00
Anthony W. DiCecca, Attorney for Helen Sutherland	1,500 00
Louis Winer, Attorney for Allen Mercereau	250 00
Taylor & Foley, Attorneys for Mary McGowan	218 00
J. Louis Kline, Attorney for Sarah Andelman	200 00
Samuel M. Flaksman, Attorney for Anna Patricia Murphy, p. p. a... ..	185 00
Louis L. Bobrick, Attorney for David Penney, as father and next friend of Ethel A. Penney, a minor	250 00
Harry Olins, Attorney for Matilda Roberts, as mother and next friend of Emily Roberts, a minor	35 00
Maurice L. Hussey, Attorney for Marion G. Robbins	450 00
	<hr/>

Amounts carried forward \$5,174 00

\$6,996,270 05

Unclassified — Continued

Amounts brought forward \$5,174 00 \$6,996,270 05

DAMAGES TO PERSONS AND PROPERTY — Continued

Louis L. Green, Attorney for Gwendolyn Ramondi	1,750 00
M. Eli Livingstone, Attorney for Mary Finegan	200 00
Michael J. Neville, Attorney for Louise Bourdeau	200 00
Louis G. Loeb, Attorney for Doris L. Hodder	1,675 00
J. S. Rezendes, Attorney for Anthony De Premio	225 00
M. Eli Livingstone, Attorney for Evangeline Rodgers	100 00
John D. Ford, Attorney for Elizabeth G. Nelligan	125 00
David Short, Attorney for Salvatore Romano	175 00
Peter J. Nelligan, Attorney for Nelson Tessier	350 00
Davis Franklin, Attorney for Lucille Olitsky	220 00
Anthony W. DiCecca, Attorney for Catherine C. Bianchino	700 00
Thomas F. Sullivan, Attorney for Edward Daniels	50 00
A. John Serino, Attorney for Anna Loles	275 00
Thomas F. Sullivan, Attorney for Marie Shannon	250 00
James F. Burns, Attorney for Nora Sullivan	200 00
Peter J. Nelligan, Attorney for Etta F. Barron	1,200 00
Samuel M. Flaksman, Attorney for Elizabeth Donlan	400 00
Frank G. Lichtenstein, Attorney for Helen Gilbert	383 00
Louis L. Bobrick, Attorney for Laura G. Henderson	150 00
William J. O'Neill, Attorney for Thomas P. O'Neill, Jr.	200 00
James C. DiNunzio, Attorney for Catherine Ballas	270 00
James C. DiNunzio, Attorney for Jerry Pacelli	150 00
Frederick V. McMenimen, Attorney for Patrick Keating	150 00
Frederick V. McMenimen, Attorney for Lucia Cornelio	350 00
Thomas H. Bresnahan, Attorney for Ethel M. Higgins	150 00
Taylor & Foley, Attorneys for Alice Adams	125 00
Taylor & Foley, Attorneys for Mary H. Ahern	500 00

Amounts carried forward \$15,697 00

\$6,996,270 05

Unclassified — Continued

Amounts brought forward \$15,697 00 \$6,996,270 05

DAMAGES TO PERSONS AND PROPERTY — Continued

James H. Baldwin, Attorney for Ruth P. Buckley	750 00
Frederick V. McMenimen, Attorney for Dorothy Kline	350 00
Frederick V. McMenimen, Attorney for Joseph H. Rubbico	750 00
Taylor & Foley, Attorneys for Annie A. Toohey	150 00
Moore, Goldberg & McGrath, Attorneys for Jeannette Bourasso, as mother and next friend of Mary R. Brisbois, p.p.a.	100 00
Louis Tobin, Attorney for Annie Buckley	850 00
Raymond T. Delaney, Attorney for Leroy Williams	600 00
Francis E. Burke, Attorney for Marion A. Burke	75 00
F. V. McMenimen, Attorney for Bertha Dilworth	339 00
Taylor & Foley, Attorneys for Julia Driscoll	125 00
John R. Sennott, Jr., Attorney for Thomas P. Blood	300 00
Maurice M. Isen, Attorney for Sarah Hirsch	600 00
John R. Sennott, Jr., Attorney for Thomas P. Blood, as father and next friend of Eileen Blood, a minor	100 00
Anthony W. DeCecca, Attorney for John H. LaMarre	1,500 00
Irene E. Goldbarg, Attorney for Ada Cohen	150 00
Samuel Flaksman, Attorney for Bertha Jordan	350 00
Michael J. Neville, Attorney for Hannah Long	175 00
Taylor & Foley, Attorneys for Alice B. Maher	181 00
Gallup & Hadley, Attorneys for Hattie Shepherd	40 00
David Short, Attorney for Lila Giannino	100 00
Walsh, Finn & Gibson, Attorneys for Margaret Carter	250 00
William E. McKendall, Attorney for Hattie Eichler	300 00
James C. DiNunzio, Attorney for Catherine Murphy	200 00
Benjamin Wollins, Attorney for Paul F. George	100 00
Frederick V. McMenimen, Attorney for Bridget McCusker	100 00

Amounts carried forward \$24,232 00

\$6,996,270 05

Unclassified — Continued

Amounts brought forward \$24,232 00 \$6,996,270 05

DAMAGES TO PERSONS AND PROPERTY — Continued

Michael Carchia, Attorney for		
Alice Powers	225 00	
Samuel M. Flaksman, Attorney for		
Brindel Baron	160 00	
Taylor & Foley, Attorneys for		
Catherine Connolly	300 00	
Moore, Goldberg & Magrath,		
Attorneys for Minnie Bronstein . .	600 00	
Moore, Goldberg & Magrath,		
Attorneys for Harris Marlin	200 00	
Viola & Singer, Attorneys for		
Nellie Connelly	75 00	
Frederick F. Meuse, Attorney for		
H. Clayton Haley	273 98	
John J. Mahoney, Attorney for		
James F. Whelan	2,000 00	
Stewart, Chase & Baldwin,		
Attorneys for Dorothy B. Steinberg	75 00	
Hurlburt, Jones & Hall, Attorneys		
for William W. Crocker	2,750 00	
Harvard Legal Aid Bureau —		
Frederic B. Dailey	16 95	
Gregory Maznanian	420 00	
Joseph F. Dolan	47 00	
		\$31,374 93

Awards for alleged injuries and damages due to defect in the highways:

Julia F. Power	\$200 00	
Nora J. Coyne	150 00	
Nellie E. Swain	25 00	
Margaret Sullivan	100 00	
Rita Ambrose	15 00	
Flora S. King	250 00	
Mrs. Anna Leydon	50 00	
Mary Nugent	100 00	
Mary O'Donnell	100 00	
Catherine Rice	50 00	
Gertrude E. White	50 00	
Dorothy Phillips	10 00	
Katherine Rooney	50 00	
John T. Conlon	25 00	
Sewell A. Baker	75 00	
Harold W. Catharin	13 50	
John P. Gately, Jr.	15 42	
Charles F. McNeeley	35 00	
Richard F. Cronin	31 25	
Edmund Santa Maria	20 00	
Joseph A. Connors	29 85	
Gorden E. Tobey	17 10	
William H. Wing	27 46	
Michael Bresnahan	6 60	
Harold L. Ethridge	7 82	
		1,454 00

Amounts carried forward \$32,828 93 \$6,996,270 05

Unclassified — Continued

Amounts brought forward \$32,828 93 \$6,996,270 05

DAMAGES TO PERSONS AND PROPERTY — Continued

Miscellaneous Claims:

Rose V. Dezotell	\$250 00		
Francis R. Duprey	40 00		
Benjamin Ellis	145 50		
George Hovassian	100 00		
Amos Turcotte, city employee, reimbursement	325 00		
E. Lane, city employee, reimbursement	23 10		
Edward P. Traynor, city employee, reimbursement	109 00		
Vincent E. Gorman, city employee, reimbursement	11 20		
Joseph Kelly, city employee, reimbursement	1 00		
Leo D. Dynan, city employee, reimbursement	50 00		
Leo D. Dynan, city employee, reimbursement	100 00		
Lawrence P. O'Connor, city employee, reimbursement	103 18		
John F. Rielly, city employee, reimbursement	19 20		
John E. O'Hara, city employee, reimbursement	9 20		
Frank J. Stacey, city employee, reimbursement	250 00		
Lawrence H. Johnson, city employee, reimbursement	50 00		
Robert G. Culhane, city employee, reimbursement	200 00		
Robert J. Douglas, Jr., city employee, reimbursement	75 00		
George Judd, city employee, reimbursement	10 00		
	<u>1,871 38</u>		
		<u>34,700 31</u>	

TELEPHONE EXCHANGE

Personal Service:

Permanent employees	\$1,858 80	
Temporary employees	202 40	
	<u>\$2,061 20</u>	

Service other than Personal:

Communication	2,605 49	
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Supplies:

Office	<u>7 75</u>	4,674 44
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BOARD OF APPEAL

Personal Service:

Permanent employees	<u>\$980 00</u>	
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Amounts carried forward	\$980 00	\$7,035,644 80
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Unclassified — Continued

Amounts brought forward \$980 00 \$7,035,644 80

BOARD OF APPEAL — Concluded

Service other than Personal:			
Postage	\$72 50		
Advertising and posting	225 00		
		297 50	
Supplies:			
Office		37 70	
			1,315 20

EMPLOYMENT

Personal Service:			
Permanent employees		\$3,543 33	
Service other than Personal:			
Postage		22 50	
Supplies:			
Office		11 30	
			3,577 13

RETIREMENT

Personal Service:			
Permanent employees		\$1,716 00	
Service other than Personal:			
Printing and binding	\$21 50		
Postage	2 70		
Rentals	30 00		
Premium on surety bond	150 00		
Expert (actuary)	500 00		
		704 20	
Equipment:			
Furniture and fittings	\$100 43		
Office	689 77		
		790 20	
Supplies:			
Office		237 60	
			3,448 00

RETIREMENT SYSTEM

City's contribution to pension accumulation fund 39,137 89

PURCHASING

Personal Service:			
Permanent employees	\$6,380 00		
Temporary employees	1,690 02		
		\$8,070 02	
Service other than Personal:			
Postage	\$275 00		
Advertising and posting	36 50		
Rentals	48 00		
Premium on surety bond	75 00		
Communication	158 36		
		592 86	
Amounts carried forward		\$8,662 88	\$7,083,123 02

Unclassified — Continued

Amounts brought forward \$8,662 88 \$7,083,123 02

PURCHASING — Concluded

Equipment:
 Office 98 50

Supplies:
 Office 387 77

9,149 15

PLANNING BOARD

Service other than Personal:
 Advertising and posting 2 50

INDUSTRIAL COMMISSION

Supplies:
 Office 24 75

CAMBRIDGE HOUSING AUTHORITY

Service other than Personal:
 Travel out of state \$19 05

Supplies:
 Office 5 00

24 05

CAMBRIDGE YOUTH COMMISSION

Personal Service:
 Permanent employees \$2,186 30

Service other than Personal:
 Postage 6 50

Supplies:
 Office 30 80

2,223 60

ASSESSMENT FOR NON-LABOR COST OF THE
FEDERAL MUSIC PROJECT

Payments to Treasurer, U. S. A. 192 00

POST 30, G. A. R. HEADQUARTERS

For rent of headquarters \$56 00

For lighting of headquarters 1 55

57 55

POST 299, RUSSELL E. HOYT HEADQUARTERS

For rent of headquarters 1,075 00

JEWISH WAR VETERANS HEADQUARTERS

For rent of headquarters 900 00

MILITIA, USE OF RIFLE RANGE

Use of rifle range at Wakefield 2,718 22

Amount carried forward \$7,099,489 84

Unclassified — Concluded

Amount brought forward \$7,099,489 84

PUBLIC CELEBRATIONS

Patriots' Day	\$221 54	
Patriots' Day (1936)	10 00	
Public Observance of Flag Day, June 14	200 00	
Labor Day	299 35	
		<hr/>
		730 89

MEMORIAL DAY

Veterans of Foreign Wars	\$625 00	
Sons of Veterans	688 00	
American Legion	1,394 27	
Jewish War Veterans	75 00	
United Spanish War Veterans	350 00	
		<hr/>
		3,132 27

CAMBRIDGE POLICE DEPARTMENT MEMORIAL DAY

Paid to sundry persons	200 00
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CAMBRIDGE FIRE DEPARTMENT MEMORIAL DAY

Paid to City Fire Fighters' Union Local No. 30	350 00
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CUSTODIAN OF PROPERTY ACQUIRED
BY FORECLOSURE OF TAX TITLES

Salary, custodian	\$500 00	
Office supplies	21 35	
Advertising	94 80	
Auctioneers	65 00	
Postage	15 00	
		<hr/>
		696 15

CEMETERIES

CEMETERY

Personal Service:		
Permanent employees	\$53,790 58	
Temporary employees	7,880 00	
		<hr/>
		\$61,670 58
Service other than Personal:		
Postage	\$35 00	
Light and power	60 80	
Premium on surety bond	45 00	
Communication	129 66	
Motor vehicle, repairs and care. . . .	11 00	
Medical	4 00	
Fees	4 00	
Service not otherwise coded	40 00	
		<hr/>
		329 46
Equipment:		
Tools and instruments	299 50	
		<hr/>
Amounts carried forward	\$62,299 54	\$7,104,599 15

Cemeteries — *Concluded*

Amounts brought forward \$62,299 54 \$7,104,599 15

CEMETERY — *Concluded*

Supplies:

Office	\$75 19	
Fuel	194 80	
Agricultural	639 40	
Motor vehicle, gasoline and oil	602 99	
Supplies not otherwise coded	131 30	
Motor vehicle, parts	128 80	
	<hr/>	1,772 48

Materials:

Highway	\$14 60	
Materials not otherwise coded	289 70	
	<hr/>	304 30

Special Items:

WPA Project No. 465-14-3-608, supplies	\$102 80	
WPA Project No. 465-14-2-137, repairing iron fence and painting wooden fence around cemetery	174 83	
Workingmen's compensation	126 00	
Filling and loam for new land	1,488 00	
	<hr/>	1,891 63

66,267 95

DEBT SERVICE

INTEREST

On Anticipation of Revenue Notes \$7,011 38

Sewer construction loans	\$54,533 12	
Street construction loans	39,587 50	
Bridge construction loans	67,318 75	
Building construction loans	30,136 25	
Hospital construction loans	16,790 00	
School construction loans	58,322 50	
Park construction loans	21,845 00	
Land for playgrounds loans	4,580 00	
Municipal Relief loans	15,725 00	
Departmental equipment loans	250 00	
White Charity Fund note	300 00	
Dowse Institute Fund, contract	600 00	
Sanders Temperance Fund	600 00	
Prior years: street construction loans	2,489 37	
Sewer construction loans	328 51	
Hospital loans	5,000 00	
Building loans	1,060 00	
Park loans	50	
	<hr/>	319,466 50

326,477 88

SERIAL LOANS

Sewer construction	\$71,500 00
Street construction	660,500 00
Bridge construction	39,500 00

Amounts carried forward \$771,500 00 \$7,497,344 98

Debt Service — *Continued*

Amounts brought forward \$771,500 00 \$7,497,344 98

SERIAL LOANS — *Concluded*

Building construction	79,500 00	
Hospital construction	63,500 00	
School construction	190,000 00	
Park construction	3,000 00	
Land for playgrounds	2,500 00	
Municipal relief	100,000 00	
	<hr/>	1,210,000 00

FUNDED LOANS

Sewer construction	\$2,000 00	
Bridge construction	48,000 00	
Park construction	100,000 00	
	<hr/>	150,000 00
<i>See insert "Analysis of Appropriation Accounts," column 13</i>		8,857,344 98

TEMPORARY REVENUE LOANS

In anticipation of revenue 5,700,000 00

PREMIUM ACCOUNT

Preparation and certification of bonds 3,119 80

COUNTY, STATE AND METROPOLITAN DISTRICT TAXES

County Tax	\$238,937 91	
State Tax	\$500,400 00	
Abatement of smoke nuisance tax	1,904 21	
Boston Elevated Railway deficit tax	232,596 41	
Boston Elevated Railway subway rentals deficit tax	9,726 96	
Boston Metropolitan District expenses tax	402 78	
Care of Civil War Veterans tax	210 00	
Charles River Basin tax	17,844 30	
Charles River Basin Bridge tax	28,453 88	
Metropolitan Planning tax	1,206 58	
Metropolitan Parks loan sinking fund tax	64,437 55	
Metropolitan Parks loans sinking fund No. 2 tax	8,395 25	
Metropolitan Parks Nantasket maintenance tax	4,541 15	
Metropolitan sewer tax	115,555 42	
Municipal audit tax	7,135 37	
Veterans' exemption tax	558 63	
Wellington Bridge maintenance tax	140 66	
West Roxbury-Brookline Parkway tax	52	
	<hr/>	993,509 67
		<hr/>
		1,232,447 58
<i>Amount carried forward</i>		\$15,792,912 36

Debt Service— *Concluded*

Amount brought forward \$15,792,912 36

TRUST FUNDS INCOME

Sanders Temperance Fund \$600 00

Welfare Funds:

Bridge Charitable \$41 50

Sarah E. Russell (city infirmary) ... 23 98

Rev. Patrick H. Callanan (city
infirmary) 43 39

108 87

School Funds:

Webster Thierry \$2 70

Georgia Hardy 5 85

8 55

Library Funds:

William Penn Harding \$12 90

Citizens' Subscription 89 36

Cummings 14 62

Fay 13 37

William Saunders 100 00

James A. Woolson 377 55

Citizen of Cambridge 162 12

Whorf 186 53

Howe 31 95

Murdock 23 16

1,011 56

1,728 98

SMITH-HUGHES FUND

School

Sundry payments 1,726 84

HOPKINS FUND

School

Sundry payments 1,079 41

BULLOCK FUND

Health-Dental

Sundry payments 2,150 89

REFUNDS

PROPERTY TAXES — REAL AND PERSONAL

Levy 1936 \$5,259 01

Levy 1937 8,952 23

Levy 1938 28,059 23

Levy 1939 8,164 80

50,435 27

POLL TAXES

Levy 1937 \$10 00

Levy 1938 20 00

Levy 1939 34 00

64 00

Amount carried forward \$15,850,097 75

Refunds — *Concluded*

Amount brought forward \$15,850,097 75

MOTOR VEHICLE EXCISE TAXES

Levy 1937	\$13 23	
Levy 1938	558 99	
Levy 1939	2,855 22	
		<hr/>
		3,427 44

DEPARTMENTAL RECEIPTS

Entertainment Licenses — Executive	\$50 00	
License Commission	25 00	
Street	42 91	
Hospital	21 00	
School	220 00	
		<hr/>
		358 91

MISCELLANEOUS

Tax Titles	\$41 44	
Interest on Taxes	1,444 70	
Costs on Taxes	20 50	
Damages to city property	3 00	
		<hr/>
		1,509 64

DEPARTMENTAL APPROPRIATIONS

Executive	\$7 50	
Law	842 70	
Treasury	719 94	
Engineering	30 00	
Police	3,553 70	
Fire	46 47	
Street	31,834 00	
Health	62 50	
Hospital	10 00	
Public Welfare, Outside aid	7,967 99	
Public Welfare, old age assistance	1,265 68	
Soldiers' Benefits	1,383 00	
Pensions	250 00	
School	114 77	
Library	11 86	
Park	28 40	
Telephone exchange	300 00	
		<hr/>
		48,428 51
<i>Total, Maintenance and Operation</i>		15,903,822 25

TEMPORARY ACCOUNTS

TRUST AND INVESTMENT FUNDS

Payments to Treasurer:		
Cemetery perpetual care deposits	\$3,238 50	
Retirement System (Act of 1931) payroll		
deductions	27,727 41	
Retirement System (Act of 1936) payroll		
deductions	19,991 52	
		<hr/>
		50,957 43
<i>Amount carried forward</i>		\$15,954,779 68

Temporary Accounts — Continued

Amount brought forward \$15,954,779 68

GUARANTEE DEPOSITS

Contract Bids:

Refunded to depositors:

Building department.....	\$51,075 12	
Election department.....	600 00	
Police department.....	700 00	
Fire department.....	1,300 00	
Electrical department.....	300 00	
Engineering department.....	200 00	
Street department.....	31,485 00	
Sewer department.....	2,300 00	
Hospital department.....	200 00	
Soldiers' Benefits department.....	200 00	
School department.....	2,200 00	
Library department.....	1,600 00	
Park department.....	1,900 00	
Purchasing department.....	6,475 00	
Water department.....	2,300 00	
	<hr/>	102,835 12

Street Openings:

Payments to city for completed work.....	\$456 32	
Refunded to depositors.....	213 68	
	<hr/>	670 00

Driveways:

Payments to city for completed work.....	\$1,574 58	
Refunded to depositors.....	1,050 42	
	<hr/>	2,625 00

Sidewalks:

Payments to city for completed work.....	\$4,643 40	
Refunded to depositor.....	252 00	
	<hr/>	4,895 40

Health:

Payments to state.....		50 00
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Park:

Payments to city for completed work.....	\$98 05	
Refunded to depositors.....	6 95	
	<hr/>	105 00

Option to Lease City Land:

Refunded to depositor.....		500 00
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Plans:

Refunded to depositors.....		500 00
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Licenses:

Payments for advertising.....	\$1,487 50	
Refunded to depositors.....	30 75	
To city for licenses issued.....	170,602 35	
	<hr/>	172,120 60

AGENCY

City Clerk:

Dog licenses paid to County.....	\$2,862 20	
Hunting and fishing licenses paid to State.....	2,286 00	
	<hr/>	5,148 20

Amount carried forward \$16,244,229 00

Temporary Accounts — Concluded

<i>Amount brought forward</i>	\$16,244,229 00
AGENCY — Concluded	
Tax Titles held by Individuals:	
Payments to sundry persons — redemptions.....	3,361 82
Constables' Fees:	
Payments to sundry persons	856 14
Taxes Paid in Advance:	
Payment to city.....	2 00
Cambridge Retirement System, Act of 1931:	
Refunded to members withdrawing.....	5,893 86
Cambridge Retirement System, Act of 1936:	
Refunded to members withdrawing.....	74 91
In Lieu of Surety Bonds:	
Refunded to depositors.....	1,500 00
City of Boston Retirement System:	
Payments of payroll deductions, account of employees of Boston and Cambridge Bridge Commission.....	62 40
Massachusetts Teachers' Retirement System:	
Payments of payroll deductions.....	64,160 86
Counsel Fees, redemption of property entered in Land Court:	
Payment to counsel.....	25 00
<i>Total, Temporary Accounts</i>	416,343 74

MUNICIPAL ENTERPRISE**WATER****GENERAL MAINTENANCE****Personal Service:**

Permanent employees.....	\$146,341 80	
Temporary employees.....	5,760 00	
		\$152,101 80

Service other than Personal:

Printing and binding.....	\$84 00	
Postage.....	608 60	
Advertising and posting.....	28 75	
Transportation.....	200 00	
Cartage and freight.....	3 96	
Hire of auto trucks.....	100 00	
Light and power.....	217 63	
Lighting parks.....	34 87	
Rentals.....	3,560 41	
Premium on surety bond.....	30 00	
Communication.....	539 35	
Motor vehicle, repairs and care....	44 50	
Medical.....	8 00	
Fees.....	30 00	
Photographic and blueprinting.....	2 21	
Service not otherwise coded.....	78 70	
Travel outside of state.....	136 25	
		5,707 23

<i>Amounts carried forward</i>	\$157,809 03	\$16,320,165 99
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Municipal Enterprise — Continued

Amounts brought forward \$157,809 03 \$16,320,165 99

WATER — GENERAL MAINTENANCE — Concluded

Equipment:

Motor vehicle	\$970 70	
Office	387 45	
Tools and instruments	521 65	
Wearing apparel	24 85	
Equipment not otherwise coded	647 40	
		2,552 05

Supplies:

Office	\$361 14	
Fuel	200 70	
Medical	2 40	
Laundry, cleaning	24 00	
Motor vehicle, gasoline and oil	1,567 38	
Chemicals and disinfectants	76 33	
Supplies not otherwise coded	1,124 28	
Motor vehicle, parts	862 87	
		4,219 10

Materials:

Water	\$19,553 82	
Materials not otherwise coded	644 34	
		20,198 16

Special Items:

Meters, installing and parts	\$5,000 00	
Damages	474 75	
Cleaning of pipe	18,492 00	
WPA Project No. 665-14-3-314, completion of pitometer survey of water distribution system	3,617 50	
Repairing storm damage	8 50	
Pensions	18,019 50	
Repairing pavements	780 50	
Amount due from Water Depart- ment to Pension Accumulation Fund of the Cambridge Retire- ment System	2,526 30	
Inspection	248 00	
		49,167 05

233,945 39

PUMPING

Personal Service:

Permanent employees	\$29,900 43	
Temporary employees	1,612 93	
Unloading coal	500 00	
		\$32,013 36

Service other than Personal:

Freight and cartage	\$1 14	
Light and power	491 94	
Insurance	241 75	
Communication	50 98	
Service not otherwise coded	329 50	
		1,115 31

Amounts carried forward \$33,128 67 \$16,554,111 38

Municipal Enterprise — Continued

Amounts brought forward \$33,128 67 \$16,554,111 38

PUMPING — Concluded**Equipment:**

Tools and instruments \$35 90
Equipment not otherwise coded 488 42

524 32

Supplies:

Office \$15 00
Ice 47 54
Fuel 13,254 02
Medical 2 40
Laundry, cleaning 29 15
Supplies not otherwise coded 2,356 79

15,704 90

Materials:

Materials not otherwise coded

409 89

49,767 78

RESERVOIRS**Personal Service:**

Permanent employees \$35,256 11
Temporary employees 3,467 50

\$38,723 61

Service other than Personal:

Transportation of persons \$125 00
Cartage and freight 49
Hire of auto trucks 150 00
Light and power 20 28
Rent, taxes, water 34 98
Communication 157 85
Motor vehicle, repairs and care 1 50
Cleaning 360 00
Medical 28 00
Fees 4 00
Service not otherwise coded 42 05

924 15

Equipment:

Tools and instruments \$74 77
Equipment not otherwise coded 84 45

159 22

Supplies:

Fuel \$47 50
Motor vehicle, gasoline and oil 97 03
Supplies not otherwise coded 196 60
Motor vehicle, parts 182 60

523 73

Materials:

Materials not otherwise coded

472 45

Special Items:

WPA Project No. 665-14-2-754 \$215 13
Police protection fund 3,453 70
Workingmen's compensation 61 71

3,730 54

44,533 70

Amount carried forward \$16,648,412 86

Municipal Enterprise — Concluded

Amount brought forward \$16,648,412 86

FILTRATION**Personal Service:**

Permanent employees \$25,661 32

Service other than Personal:

Cartage and freight \$ 91

Light and power 6,444 39

Communication 72 60

Service not otherwise coded 162 00

6,679 90

Equipment:

Tools and instruments \$12 16

Equipment not otherwise coded 39 80

51 96

Supplies:

Office \$14 30

Fuel 1,502 50

Medical 76 41

Laundry, cleaning 11 30

Chemicals and disinfectants 11,734 65

Supplies not otherwise coded 515 57

13,854 73

Materials:

Materials not otherwise coded 30 62

Special Items:

Workingmen's compensation 149 14

46,427 67

DEBT AND INTEREST

Serial Loans \$58,500 00

Interest 27,255 00

85,755 00

See insert "Analysis of Appropriation Accounts," column 13

460,429 54

REFUNDS

Metered Rates \$249 70

Annual Rates 27 75

Miscellaneous Charges 9 78

287 23

Appropriations:

General Maintenance 16 30

Total, Municipal Enterprise 460,733 07

OUTLAYS**DEPARTMENTAL EQUIPMENT****ELECTRICAL DEPARTMENT — UNDERGROUND CABLE****Personal Service:**

Employees \$752 50

Service other than Personal, Material, etc.:

Brass nipples \$2 10

Brick 248 00

Bronze caps 28 80

Cable 380 00

Amounts carried forward \$658 90 \$752 50 \$16,780,899 06

Outlays — Continued

Amounts brought forward \$658 90 \$752 50 \$16,780,899 06

ELECTRICAL EQUIPMENT — UNDERGROUND CABLE — Concluded

Cement	391 70
Chisels	5 00
Fibre conduits	42 26
Fire boxes with ball and cable door	370 00
Fire and police box pedestals	1,851 25
Frames, covers and grates	550 00
Friction tape	27 25
Gaskets	9 60
Handles	2 00
Hammer	2 75
Iron washers for caps	4 08
Coil unit	1 81
Crayons	1 20
Lanterns	41 86
Lead pipe	19 50
Manhole frames with covers	250 00
Miscellaneous supplies	33 28
Mortar hoe	1 50
Nails, screws and bolts	14 09
Pipe and fittings	641 29
Range oil	7 57
Rental of equipment	28 29
Rule	45
Sand and gravel	137 69
Screw driver	35
Sharpening tools	27 00
Shovels	18 00
Solid latox lead cables and sheath	1,297 50
Split posts for fire and police boxes	1,378 00
Splicing compound	6 00
Safety stands with signs	10 05
Saw gummed set and filed	75
Services of compressor with hose, etc.	28 29
Sharpening, repairing, etc., picks, points, chisels and bars	12 80
Sledge hammer handles	2 10
Solder	32 00
Sub bases	1,386 00
Tape	7 50
Wire	22 81

9,322 47

10,074 97

DEPARTMENTAL EQUIPMENT — STREET DEPARTMENT

Service other than Personal, Material, etc.:

Ford coupes	\$3,596 90
Gasoline tractor	4,988 00
Half-ton pick up car	693 88
Iron	118 13
Lumber	665 41
Paint	11 70
Sideboards for trucks	64 13

Amounts carried forward \$10,138 15 \$16,790,974 03

Outlays — *Concluded*

Amounts brought forward \$10,138 15 \$16,790,974 03

DEPARTMENTAL EQUIPMENT — STREET DEPARTMENT — *Concluded*

Stove bolts	16 20	
Trucks	8,108 40	
Twelve two-ton street cleaning dump trucks . . .	16,919 52	
Two Plymouth Standard two-door sedans	1,350 00	
Two refuse-getter cruisers	2,442 78	
Two Studebaker truck chassis	2,499 00	
Washers, bolts and screws	15 12	
	<hr/>	41,489 17

ALTERATIONS AND ADDITIONS TO THE
LAFAYETTE SQUARE FIRE STATION

Architects' fee	\$1,257 91	
Construction	6,943 51	
	<hr/>	8,201 42

PWA PROJECTS

LIBRARY BUILDING

Construction	\$30,885 99	
Architect, fee	856 21	
Architect, travel	89 90	
Clerk of works	1,600 00	
Coördinator	110 00	
Stenographer	21 57	
Inspection of materials	30 50	
Preparation and certification of bonds	150 00	
Advertising	64 95	
Blueprints	20 85	
Postage	8 47	
Office supplies	9 35	
Express charge	25	
	<hr/>	33,848 04

WEBSTER SCHOOL

Demolition	\$5,900 00	
Construction	235,250 42	
Architect, fee	11,113 09	
Architect, travel	54 05	
Engineer	2,086 81	
Clerk of works	3,120 00	
Coördinator	799 00	
Stenographer	155 47	
Inspection of materials	334 90	
Preparation and certification of bonds	475 00	
Advertising	161 30	
Blueprints	756 22	
Postage	10 97	
Office supplies	11 00	
Express charges	2 28	
	<hr/>	260,230 51
<i>Amount carried forward</i>		\$17,134,743 17

PWA Projects — Continued

Amount brought forward \$17,134,743 17

HIGH AND LATIN SCHOOL

Demolition	\$3,088 53	
Construction	437,299 18	
Architect, fee	30,626 06	
Architect, travel	104 60	
Educational advisor	500 00	
Clerk of works	3,120 00	
Assistant clerk of works	900 00	
Coördinator	1,928 00	
Stenographer	375 63	
Inspection of materials	1,245 85	
Preparation and certification of bonds	1,000 00	
Advertising	266 65	
Blueprints	134 17	
Postage	12 47	
Office supplies	11 35	
Express charges	1 83	
Telegrams	1 13	
		480,615 45

MUNICIPAL HOSPITAL (MATERNITY BUILDING)

Demolition	\$282 50	
Construction	225,491 20	
Architect, fee	11,958 50	
Architect, travel	54 55	
Clerk of works	2,600 00	
Assistant clerk of works	300 00	
Coördinator	689 00	
Stenographer	133 90	
Inspection of materials	407 62	
Preparation and certification of bonds	425 00	
Advertising	109 45	
Blueprints	149 56	
Postage	8 47	
Office supplies	9 35	
Express charges	1 78	
Telephone	12 30	
		242,633 18

MUNICIPAL INCINERATOR

Excavation and piling	\$26,843 20	
Construction	170,909 80	
Architect, fee	12,494 82	
Clerk of works	2,450 00	
Coördinator	550 00	
Stenographer	107 83	
Inspection of materials	718 97	
Preparation and certification of bonds	400 00	
Advertising	97 20	
Postage	13 47	
Office supplies	9 35	
Telephone	18 90	
Express charges	1 51	
Easement	140 00	
		214,755 05
<i>Amount carried forward</i>		\$18,072,746 85

PWA Projects — *Concluded*

Amount brought forward \$18,072,746 85

MUNICIPAL GARAGE

Construction	\$128,150 53
Architect, fee	4,309 62
Clerk of works	1,400 00
Coördinator	385 00
Stenographer	75 48
Inspection of materials	538 17
Preparation and certification of bonds	350 00
Advertising	80 95
Postage	8 47
Office supplies	9 35

135,307 57

TUBERCULOSIS HOSPITAL

Construction	\$273,537 16
Architect, fee	14,791 06
Architect, travel	15 00
Architect, clerk of works	2,769 25
Architect, additional supervision	1,720 00
Coördinator	909 00
Stenographer	177 03
Inspection of materials	334 11
Preparation and certification of bonds	950 00
Borings	20 45
Advertising	146 00
Blueprints	30 07
Postage	9 47
Office supplies	7 10
Express charges	1 05
Telephone and telegraph	83 53
Fire insurance	428 74
Liability insurance	217 56

296,146 58

REPAIR OF BRIDGES

Construction	\$92,522 00
Engineer	10,351 82
Engineer, clerk of works	1,881 00
Coördinator	130 00
Stenographer	31 42
Inspection of materials	389 42
Preparation and certification of bonds	246 55
Advertising	348 75
Office supplies	1 50
Telegraph	8 76

105 911 22

HEALTH AND SANITATION

SEWER CONSTRUCTION

Personal Service:	
Employees	\$113,814 86
Materials, Supplies:	
Blueprints	\$31 49
Bricks	3,492 19

Amounts carried forward \$3,523 68 \$113,814 86 \$18,610,112 22

Health and Sanitation — *Concluded*

Amounts brought forward \$3,523 68 \$113,814 86 \$18,610,112 22

SEWER CONSTRUCTION — *Concluded*

Brooms	12 38		
Cement and concrete	5,067 15		
Concrete pipe	56,663 53		
Frames, grates	1,711 82		
Fuel	164 35		
Gasoline and oil	4,161 40		
Hose	812 19		
Jute, rope and yarn	735 85		
Lanterns and globes	664 29		
Lumber	9,498 98		
Acetylene	103 53		
Tools	3,727 68		
Piles	250 00		
Iron and steel	578 95		
Drain pipe	18,559 91		
Stone	34 08		
Chains	230 54		
Reinforcing track	235 21		
Sand and gravel	1,560 98		
Rental of equipment	10,690 54		
Rental of trucks	19,239 00		
Miscellaneous	915 38		
		139,141 42	
			252,956 28

HIGHWAYS AND BRIDGES

STREET CONSTRUCTION

ALLSTON STREET

Personal Service:			
Employees	\$9,907 76		
Service other than Personal, Material, etc.:			
Asphalt	\$168 00		
Concrete	3,803 60		
Rental of equipment	57 46		
Stone	1,313 40		
Truck hire	2,355 75		
		7,698 21	
			\$17,605 97

AMHERST STREET

Service other than Personal, Material, etc.:			
Asphalt		700 27	

ANDREW STREET

Personal Service:			
Employees	\$885 61		
Service other than Personal, Material, etc.:			
Stone	\$162 36		
Truck hire	108 00		
		270 36	
			1,155 97

Amounts carried forward \$19,462 21 \$18,863,068 50

Highways and Bridges — Continued

Amounts brought forward \$19,462 21 \$18,863,068 50

STREET CONSTRUCTION — Continued

APPLETON STREET

Service other than Personal, Material, etc.:

Asphalt 350 13

AVON HILL STREET

Service other than Personal, Material, etc.:

Concrete 242 30

BINNEY STREET

Service other than Personal, Material, etc.:

Bar ties	\$6 00
Binder	259 20
Clips	6 00
Emulsion	17 33
Fuel	71 50
Lanterns	66 15
Range oil	13 00
Steel	315 86
Straw	8 53
Truck hire	126 00

889 57

BLANCHARD ROAD

Service other than Personal, Material, etc.:

Asphalt	\$335 89
Gasoline and oil	112 34
Lumber	97 50
Range oil	6 50
Stone	147 56

699 79

BRATTLE SQUARE

Service other than Personal, Material, etc.:

Concrete 1,646 26

CAMBRIDGE STREET

Personal Service:

Employees \$4,772 85

Service other than Personal, Material, etc.:

Concrete	\$361 86
Steel	1,316 00
Truck hire	576 00
	2,253 86

7,026 71

CAMERON AVENUE

Personal Service:

Employees \$12,260 78

Service other than Personal, Material, etc.:

Concrete	\$3,520 00
Stone	573 86
Truck hire	808 40
	4,902 26

17,163 04

Amounts carried forward \$47,480 01 \$18,863,068 50

Highways and Bridges — Continued

Amounts brought forward \$47,480 01 \$18,863,068 50

STREET CONSTRUCTION — Continued**CARLETON STREET**

Service other than Personal, Material, etc.:		
Asphalt	\$484 09	
Rental of equipment with operator		
and rakers	114 76	
Truck hire	66 00	
	<hr/>	664 85

CHANNING STREET

Personal Service:		
Employees	\$913 23	
Service other than Personal, Material, etc.:		
Concrete	\$3,005 49	
Gasoline and oil	113 56	
Truck hire	126 00	
	<hr/>	3,245 05
		<hr/> 4,158 28

CHAPMAN PLACE

Service other than Personal, Material, etc.:		
Concrete		133 08

CHARLES STREET

Personal Service:		
Employees	\$2,209 79	
Service other than Personal, Material, etc.:		
Asphalt	\$446 98	
Stone	245 16	
Truck hire	282 00	
	<hr/>	974 14
		<hr/> 3,183 93

CHESTER STREET

Personal Service:		
Employees	\$3,406 03	
Service other than Personal, Material, etc.:		
Concrete	\$910 88	
Stone	182 84	
Truck hire	83 25	
	<hr/>	1,176 97
		<hr/> 4,583 00

CHESTNUT STREET

Personal Service:		
Employees	\$5,341 10	
Service other than Personal, Material, etc.:		
Concrete	\$585 76	
Gasoline and oil	243 54	
Stone	341 03	
Truck hire	255 00	
	<hr/>	1,425 33
		<hr/> 6,766 43

Amounts carried forward \$66,969 58 \$18,863,068 50

Highways and Bridges — Continued

Amounts brought forward \$66,969 58 \$18,863,068 50

STREET CONSTRUCTION — Continued

CHILTON STREET

Personal Service:

Employees \$14,429 66

Service other than Personal, Material, etc.:

Asphalt \$498 96
 Concrete 3,508 35
 Gasoline and oil 220 86
 Hardware 33 14
 Stone 387 70
 Truck hire 1,071 75

5,720 76

20,150 42

COMMERCIAL AVENUE

Personal Service:

Employees \$11,909 48

Service other than Personal, Material, etc.:

Asphalt \$16 96
 Fuel 67 50
 Exp. joints 89 93
 Gasoline and oil 320 74
 Hay 14 30
 Joint filler 85 90
 Nails 4 10
 Ready mix 3,538 75
 Spacers 160 10
 Steel 975 92
 Truck hire 664 00

5,938 20

17,847 68

CONCORD AVENUE

Personal Service:

Employees \$92 66

Service other than Personal, Material, etc.:

Concrete \$159 27
 Truck hire 66 00

225 27

317 93

COOLIDGE AVENUE

Service other than Personal, Material, etc.:

Gasoline and oil 113 56

COOLIDGE HILL ROAD

Personal Service:

Employees \$2,992 61

Amounts carried forward \$2,992 61 \$105,399 17 \$18,863,068 50

Highways and Bridges — Continued

Amounts brought forward..... \$2,992 61 \$105,399 17 \$18,863,068 50

STREET CONSTRUCTION — Continued

COOLIDGE HILL ROAD — Concluded

Service other than Personal, Material, etc.:			
Concrete.....	\$2,620 14		
Gasoline and oil.....	319 00		
Range oil.....	6 50		
Truck hire.....	201 00		
		3,146 64	
			6,139 25

CREIGHTON STREET

Personal Service:	
Employees.....	\$3,658 62

Service other than Personal, Material, etc.:			
Concrete.....	\$2,148 16		
Gasoline and oil.....	102 72		
Stone.....	414 59		
Truck hire.....	316 50		
		2,981 97	
			6,640 59

CUSHING STREET

Service other than Personal, Material, etc.:	
Concrete.....	13 91

DALE STREET

Service other than Personal, Material, etc.:	
Asphalt.....	324 46

DAY STREET

Personal Service:	
Employees.....	\$5,545 91

Service other than Personal, Material, etc.:			
Concrete.....	\$360 29		
Gasoline and oil.....	113 56		
Stone.....	236 65		
Truck hire.....	277 50		
		988 00	
			6,533 91

DECATUR STREET

Service other than Personal, Material, etc.:			
Concrete.....	\$1,640 91		
Rental of equipment.....	87 86		
Stone.....	348 77		
Truck hire.....	262 00		
		2,339 54	

Amounts carried forward..... \$127,390 83 \$18,863,068 50

Highways and Bridges — Continued

Amounts brought forward \$127,390 83 \$18,863,068 50

STREET CONSTRUCTION — Continued**DOVER STREET****Personal Service:**

Employees \$2,762 66

Service other than Personal, Material, etc.:

Concrete \$3,801 63

Gasoline and oil 215 06

Stone 272 15

Truck hire 307 50

4,596 34

7,359 00

EDGESTONES AND SIDEWALKS**Personal Service:**

Employees \$101,794 07

Service other than Personal, Material, etc.:

Brick \$1,906 40

Cement 782 76

Chain 39 50

Chalk and crayons 18 75

Cinders 153 00

Concrete 12,721 39

Edgestone 5,734 52

Exp. joints 48 96

Forks 15 00

Globes 110 00

Hammers 23 05

Lumber 311 03

Range oil 32 50

Sand 794 93

Shovels 311 20

Strapping 8 50

Tar paper 12 20

Truck hire 32,185 77

55,209 46

157,003 53

EDMUNDS STREET**Personal Service:**

Employees \$7,016 50

Service other than Personal, Material, etc.:

Concrete \$382 46

Stone 109 29

Truck hire 192 00

683 75

7,700 25

ELIOT STREET**Service other than Personal, Material, etc.:**

Rental of equipment \$252 75

Stone 430 79

683 54

Amounts carried forward \$300,137 15 \$18,863,068 50

Highways and Bridges — *Continued*

Amounts brought forward \$300,137 15 \$18,863,068 50

STREET CONSTRUCTION — *Continued*

FAINWOOD CIRCLE

Service other than Personal, Material, etc.:
Gasoline and oil 125 21

FAIRMONT AVENUE

Personal Service:
Employees \$2,427 04

Service other than Personal, Material, etc.:
Concrete \$1,456 82
Gasoline and oil 227 07
Stone 155 53
Truck hire 24 00

1,863 42

4,290 46

FARWELL PLACE

Service other than Personal, Material, etc.:
Concrete 785 53

FAYERWEATHER STREET

Personal Service:
Employees \$35,085 22

Service other than Personal, Material, etc.:
Asphalt \$571 72
Concrete 2,535 22
Fuel oil 7 50
Gasoline and oil 221 55
Range oil 14 00
Stone 1,136 97
Truck hire 2,311 85

6,798 81

41,884 03

FERN STREET

Service other than Personal, Material, etc.:
Asphalt \$168 00
Stone 20 48

188 48

FLORENCE STREET

Personal Service:
Employees \$1,221 00

Service other than Personal, Material, etc.:
Steel \$156 61
Truck hire 12 00

168 61

1,389 61

Amounts carried forward \$348,800 47 \$18,863,068 50

Highways and Bridges — Continued

Amounts brought forward \$348,800 47 \$18,863,068 50

STREET CONSTRUCTION — Continued**FRANK STREET**

Personal Service:			
Employees	\$4,770	84	
Service other than Personal, Material, etc.:			
Concrete	\$1,092	94	
Gasoline and oil	221	55	
Steel	32	16	
Stone	257	11	
Truck hire	374	00	
		1,977	76
			6,748 60

FRANKLIN STREET

Service other than Personal, Material, etc.:			
Asphalt	\$44	45	
Concrete	2,234	44	
Rental of equipment	9	43	
Truck hire	84	00	
			2,372 32

FRESH POND PARKWAY

Personal Service:			
Employees	\$4,918	27	
Service other than Personal, Material, etc.:			
Concrete	\$14,007	26	
Grade line	19	75	
Truck hire	513	70	
		14,540	71
			19,458 98

FRESH POND AVENUE

Service other than Personal, Material, etc.:			
Gasoline and oil	\$125	21	
Truck hire	66	00	
			191 21

GARDEN STREET

Personal Service:			
Employees			581 43

GOLDIE STREET

Service other than Personal, Material, etc.:			
Asphalt			416 08

GRISWOLD STREET

Service other than Personal, Material, etc.:			
Asphalt	\$803	56	
Stone	336	51	
Stone dust	55	22	
Gasoline and oil	215	06	
			1,410 35

Amounts carried forward \$379,979 44 \$18,863,068 50

Highways and Bridges — Continued

Amounts brought forward \$379,979 44 \$18,863,068 50

STREET CONSTRUCTION — Continued

HAMILTON STREET

Personal Service:

Employees \$3,029 93 .

Service other than Personal, Material, etc.:

Stone \$265 80

Truck hire 72 00

337 80

3,367 73

HAMPSHIRE STREET

Personal Service:

Employees \$26,150 40

Service other than Personal, Material, etc.:

Asphalt \$234 15

Bars 36 18

Bar ties 153 74

Clamps 379 50

Claps 51 00

Concrete 11,916 78

Continuous dowel support 379 50

Crayons and chalk 14 40

Dowels 57 47

Ex. joints 409 15

Fuel 119 00

Gasoline and oil 1,076 83

Globes 17 50

Hose 85 75

Inspection bituminous
concrete 1 08

Joint filler 63 96

Lanterns 120 00

Range oil 13 00

Ready mix concrete 15,175 65

Rental of equipment 203 17

Sleeves, mats and
protectors 508 20

Spaces 305 25

Steel 6,237 47

Tire wire 2 60

Tools 79 65

Truck hire 6,441 22

44,082 20

70,232 60

HASTINGS SQUARE

Personal Service:

Employees \$3,783 97

Service other than Personal, Material, etc.:

Concrete \$1,100 34

Rental of equipment 716 00

Stone Dust 212 10

Truck hire 1,372 00

3,400 44

7,184 41

Amounts brought forward \$460,764 18 \$18,863,068 50

Highways and Bridges — Continued

Amounts carried forward \$460,764 18 \$18,863,068 50

STREET CONSTRUCTION — Continued

HAYWARD PLACE

Service other than Personal, Material, etc.:		
Asphalt	\$372 46	
Concrete	987 07	
	<hr/>	1,359 53

HEALY STREET

Service other than Personal, Material, etc.:		
Asphalt		140 00

HOLMES STREET

Service other than Personal, Material, etc.:		
Concrete		623 44

HOLWORTHY STREET

Service other than Personal, Material, etc.:		
Concrete		16 54

HURLEY STREET

Service other than Personal, Material, etc.:		
Asphalt	\$431 02	
Concrete	761 87	
Stone	362 60	
Truck hire	292 50	
	<hr/>	1,847 99

HURON AVENUE

Personal Service:		
Employees	\$76 16	
Service other than Personal, Material, etc.:		
Truck hire	36 00	
	<hr/>	112 16

KENWOOD STREET

Personal Service:		
Employees	\$1,431 72	
Service other than Personal, Material, etc.:		
Asphalt	\$166 32	
Stone	125 87	
Truck hire	138 00	
	<hr/>	430 19
	<hr/>	1,861 91

LAWRENCE STREET

Personal Service:		
Employees	\$1,668 59	
Service other than Personal, Material, etc.:		
Gasoline and oil	\$112 34	
Stone	297 96	
Truck hire	310 50	
	<hr/>	720 80
	<hr/>	2,389 39

Amounts brought forward \$469,115 14 \$18,863,068 50

Highways and Bridges — Continued

Amounts brought forward \$469,115 14 \$18,863,068 50

STREET CONSTRUCTION — Continued

LEE STREET

Service other than Personal, Material, etc.:

Concrete 339 74

LINCOLN STREET

Service other than Personal, Material, etc.:

Asphalt	\$210 56	
Concrete	1,377 49	
Rental of equipment	86 18	
Stone	142 78	
	<hr/>	1,817 01

LOCKE STREET

Personal Service:

Employees \$5,049 85

Service other than Personal, Material, etc.:

Concrete	\$1,557 49	
Gasoline and oil	220 86	
Shovels	66 00	
Stone	427 17	
Truck hire	393 00	
	<hr/>	2,664 52
	<hr/>	7,714 37

MAGAZINE STREET

Personal Service:

Employees \$3,456 61

Service other than Personal, Material, etc.:

Asphalt	\$37 35	
Concrete	594 76	
Inspection bituminous concrete	12 87	
Rental of equipment	39 00	
Truck hire	51 00	
	<hr/>	734 98
	<hr/>	4,191 59

MARKET STREET

Personal Service:

Employees \$5,370 41

Service other than Personal, Material, etc.:

Gasoline and oil	\$125 21	
Stone	412 87	
Truck hire	1,171 50	
	<hr/>	1,709 58
	<hr/>	7,079 99

MASSACHUSETTS AVENUE

Service other than Personal, Material, etc.:

Rental of equipment 117 00

Amounts carried forward \$490,374 84 \$18,863,068 50

Highways and Bridges — Continued

Amounts brought forward \$490,374 84 \$18,863,068 50

STREET CONSTRUCTION — Continued

MAY STREET

Service other than Personal, Material, etc.:

Asphalt	\$736 70	
Steel	149 10	
Stone	105 52	
	<hr/>	991 32

MEACHAM ROAD

Personal Service:

Employees	\$5,739 57
---------------------	------------

Service other than Personal, Material, etc.:

Concrete	\$1,549 27	
Stone	258 65	
Truck hire	510 30	
	<hr/>	2,318 22
		<hr/> 8,057 79

MIFFLIN PLACE

Service other than Personal, Material, etc.:

Truck hire	18 00
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MILTON STREET

Personal Service:

Employees	\$2,979 24
---------------------	------------

Service other than Personal, Material, etc.:

Gasoline and oil	\$112 23	
Stone	117 71	
Truck hire	81 00	
	<hr/>	310 94
		<hr/> 3,290 18

MOUNT AUBURN STREET

Personal Service:

Employees	\$59,006 40
---------------------	-------------

Service other than Personal, Material, etc.:

Adapters	\$210 00
Asphalt	928 03
Asphalt rakes	17 22
Brooms	115 40
Concrete	13,637 66
Crayons	6 00
Crowbars	63 24
Dippers and pails	3 00
Frames, grates and traps	499 80
Fuel	45 00
Gasoline, oil and kerosene	652 76
Iron	4 80
Lanterns and globes	479 95
Levels	2 40
Light bombs	40 00

Amounts carried forward \$16,705 26 \$59,006 40 \$502,732 13 \$18,863,068 50

Highways and Bridges — Continued

Amounts brought forward \$16,705 26 \$59,006 40 \$502,732 13 \$18,863,068 50

STREET CONSTRUCTION — Continued

MOUNT AUBURN STREET — Concluded

Nails	8 50		
Padlocks	3 00		
Picks and handles	430 71		
Range oil	6 50		
Rental of equipment . . .	975 92		
Shovels and rakes	320 43		
Sledge hammers with handles	22 98		
Steel	29 72		
Stone	383 61		
Tamping bars	39 00		
Tapes	22 50		
Tools	542 49		
Traps	45 00		
Truck hire	3,815 02		
		23,350 64	
			82,357 04

MURDOCK STREET

Service other than Personal, Material, etc.:			
Asphalt		44 45	

NORFOLK STREET

Service other than Personal, Material, etc.:			
Asphalt	\$465 43		
Concrete	1,748 75		
		2,214 18	

ORCHARD STREET

Personal Service:			
Employees	\$2,257 91		
Service other than Personal, Material, etc.:			
Concrete	\$2,423 67		
Gasoline and oil	125 21		
Truck hire	246 00		
		2,794 88	
			5,052 79

PELHAM STREET

Service other than Personal, Material, etc.:			
Truck hire		18 00	

PILGRIM STREET

Service other than Personal, Material, etc.:			
Asphalt	\$207 90		
Pea stone No. 1	206 23		
Range oil	7 50		
Truck hire	60 00		
		481 63	

Amounts carried forward \$592,900 22 \$18,863,068 50

Highways and Bridges — Continued

Amounts brought forward \$592,900 22 \$18,863,068 50

STREET CONSTRUCTION — Continued**PLEASANT STREET****Personal Service:**

Employees \$12,726 87

Service other than Personal, Material, etc.:

Brooms \$37 75

Concrete 1,985 60

Fuel 42 50

Gasoline and oil 206 55

Inspection bituminous
concrete 42 74

Range oil 6 50

Stone 924 97

Truck hire 556 50

3,803 11

16,529 98

PORTER ROAD**Personal Service:**

Employees \$2,983 39

Service other than Personal, Material, etc.:

Concrete \$317 75

Stone 212 75

Truck hire 360 00

890 50

3,873 89

PRINCE STREET**Personal Service:**

Employees \$3,272 00

Service other than Personal, Material, etc.:

Concrete \$220 34

Inspection bituminous
concrete 8 16

Stone 276 56

Truck hire 111 00

616 06

3,888 06

PUTNAM AVENUE**Personal Service:**

Employees \$3,996 41

Service other than Personal, Material, etc.:

Concrete \$2 96

Steel 85 97

Truck hire 21 00

109 93

4,106 34

Amounts carried forward \$621,298 49 \$18,863,068 50

Highways and Bridges — Continued

Amounts brought forward \$621,298 49 \$18,863,068 50

STREET CONSTRUCTION — Continued

REGENT STREET

Personal Service:		
Employees	\$4,328 14	
Service other than Personal, Material, etc.:		
Concrete	\$860 79	
Gasoline and oil	125 21	
Range oil	6 75	
Stone	314 71	
Truck hire	788 20	
	<hr/>	
	2,095 66	
	<hr/>	6,423 80

RESERVOIR STREET

Personal Service:		
Employees	\$1,917 51	
Service other than Personal, Material, etc.:		
Concrete	1,049 87	
	<hr/>	
		2,967 38

ROGERS STREET

Service other than Personal, Material, etc.:		
Concrete		151 74

RUSSELL STREET

Personal Service:		
Employees	\$3,977 47	
Service other than Personal, Material, etc.:		
Gasoline and oil	\$118 33	
Range oil	6 50	
Shovels	209 24	
Stone	166 10	
Truck hire	174 00	
	<hr/>	
	674 17	
	<hr/>	4,651 64

SECOND STREET

Personal Service:		
Employees	\$3,528 75	
Service other than Personal, Material, etc.:		
Asphalt	\$248 64	
Concrete	1,164 70	
Kerosene	130 50	
Range oil	21 50	
Rental of equipment	111 12	
Stone	208 75	
Truck hire	627 00	
	<hr/>	
	2,512 21	
	<hr/>	6,040 96

SODEN STREET

Service other than Personal, Material, etc.:		
Concrete	\$1,452 12	
Rental of equipment	61 64	
	<hr/>	
		1,513 76

Amounts carried forward \$643,047 77 \$18,863,068 50

Highways and Bridges — Continued

Amounts brought forward \$643,047 77 \$18,863,068 50

STREET CONSTRUCTION — Continued

SPARKS STREET

Personal Service:
Employees 73 33

ST. MARY ROAD

Service other than Personal, Material, etc.:
Concrete 16 74

TALBOT STREET

Service other than Personal, Material, etc.:
Concrete 8 16

THORNDIKE STREET

Service other than Personal, Material, etc.:
Inspection bituminous concrete 27

TRAIL STREET

Personal Service:
Employees \$5,199 91

Service other than Personal, Material, etc.:
Asphalt \$152 60
Concrete 484 89
Gasoline, kerosene and oil 119 73
Stone 376 30
Truck hire 432 00

1,565 52

6,765 43

UNION STREET

Personal Service:
Employees \$3,345 25

Service other than Personal, Material, etc.:
Asphalt \$232 05
Concrete 1,531 56
Gasoline and oil 118 33
Stone 689 43
Truck hire 318 00

2,889 37

6,234 62

UPTON STREET

Personal Service:
Employees 1,490 85

VALENTINE STREET

Service other than Personal, Material, etc.:
Concrete \$1,283 65
Rental of equipment 39 34
Stone 341 28
Truck hire 97 50

1,761 77

Amounts carried forward \$659,398 94 \$18,863,068 50

Highways and Bridges — Continued

Amounts brought forward \$659,398 94 \$18,863,068 50

STREET CONSTRUCTION — Continued

WADSWORTH STREET

Personal Service:			
Employees	\$6,526	16	
Service other than Personal, Material, etc.:			
Asphalt	\$83	16	
Gasoline and oil	102	72	
Stone	468	82	
Truck hire	717	00	
		1,371	70
			7,897 86

WASHINGTON STREET

Personal Service:			
Employees	\$6,175	00	
Service other than Personal, Material, etc.:			
Concrete	\$489	83	
Stone	414	33	
Truck hire	318	00	
		1,222	16
			7,397 16

WATSON STREET

Personal Service:			
Employees	\$3,050	84	
Service other than Personal, Material, etc.:			
Concrete	\$702	46	
Gasoline and oil	101	86	
Stone	277	89	
Truck hire	469	50	
		1,551	71
			4,602 55

WHITNEY AVENUE

Personal Service:			
Employees	\$4,086	32	
Service other than Personal, Material, etc.:			
Asphalt	\$168	00	
Stone	140	11	
Truck hire	238	50	
		546	61
			4,632 93

WILBUR STREET

Personal Service:			
Employees	\$1,246	66	
Service other than Personal, Material, etc.:			
Asphalt	\$332	85	
Concrete	382	68	
Stone	248	98	
Truck hire	611	20	
		1,575	71
			2,822 37

Amounts carried forward \$686,751 81 \$18,863,068 50

Highways and Bridges — Concluded

Amounts brought forward \$686,751 81 \$18,863,068 50

STREET CONSTRUCTION — Concluded**WILLARD STREET**

Personal Service:

Employees \$20,660 93

Service other than Personal, Material, etc.:

Stone \$467 73

Truck hire 2,992 61

3,460 34

24,121 27

WINDSOR STREET

Personal Service:

Employees \$7,409 33

Service other than Personal, Material, etc.:

Asphalt \$166 32

Concrete 1,390 72

Gasoline and oil 289 55

Liquid asphalt 37 35

Stone 741 22

Truck hire 1,080 00

3,705 16

11,114 49

WOODBIDGE STREET

Personal Service:

Employees \$2,240 08

Service other than Personal, Material, etc.:

Concrete \$1,533 50

Gasoline and oil 215 56

Hammer handles 28 90

Range oil 9 75

Shovels 135 64

Stone 247 98

Truck hire 231 00

2,402 33

4,642 41

YORK STREET

Personal Service:

Employees \$3,325 62

Service other than Personal, Material, etc.:

Asphalt \$502 32

Gasoline and oil 318 28

Range oil 7 50

Stone 393 45

Truck hire 625 50

1,847 05

5,172 67

\$731,802 65

See insert, "Analysis of Appropriation Accounts," column 13 2,813,972 09

REFUNDS

Sewer Construction 584 90

Total Outlays 2,814,556 99

Total Expenditures \$19,595,456 05

Cash balance December 31, 1939 1,234,579 22

Grand Total \$20,830,035 27

TRUST FUNDS

WEBSTER THIERRY HISTORY PRIZE FUND

A donation in the amount of \$300 by Mrs. Louis J. Thierry in memory of her son, Webster Thierry, who died while a student in Latin School. The income to be expended annually to purchase a book or books for presentation as a prize to the pupil adjudged by the headmaster of the Cambridge High and Latin School to have done the best work in the most advanced course in American History and Government which is given in said school during the current year. Said prize is to be denominated the Webster Thierry prize and each volume constituting said prize is to contain a book plate so designating.

JOHN WESLEY FREESE FUND

This is a fund in the amount of \$89.36 bequeathed by the late John Wesley Freese in November, 1914. The fund is to accumulate for twenty years, after which time a sum not in excess of three-fourths of the annual income is to be expended for books or works of art for the Houghton School.

SARAH E. RUSSELL FUND

A bequest to the City of Cambridge, under the will of Sarah E. Russell, in the amount of \$814.41, the income to be expended annually in, or towards, providing a Christmas tree or Christmas gifts and entertainments for the inmates of the City Infirmary. Mrs. Russell was the widow of Hon. Charles Theodore Russell, the mother of Hon. William Eustis Russell, and the grandmother of Hon. Richard Manning Russell, all of whom served the city as Mayor.

BRIDGE CHARITABLE FUND

Founded by the late Levi Bridge of Cambridge, in his lifetime, by a deed of trust dated August 12, 1875, and upon his death, April 15, 1876, the fund came under the control of the City. In October, 1877, Samuel F. Bridge, a relative of the founder, donated a sum sufficient to double the original fund. One-third of the annual income is added to the principal, the remainder expended by the Board of Public Welfare.

REVEREND PATRICK H. CALLANAN FUND

A gift in the amount of \$2,000 by Reverend Patrick H. Callanan, pastor of St. Peter's Roman Catholic Church, the principal to be invested and the income to be expended annually for a "feast day" on December 18 for the inmates of the City Infirmary.

EDWARD L. KINGMAN SCHOLARSHIP FUND

A bequest in the amount of \$1,700 under the will of Alice M. Kingman, "the income to be paid annually to the student who graduated from the Cambridge High School or the Cambridge Latin School with the highest grade, during his first year in college. If the pupil who graduated with the highest grade does not go to college, the income shall be paid to the pupil with the highest grade who does go to college. This fund shall be known as the Edward L. Kingman Scholarship."

CUMMINGS FUND — LIBRARY

A bequest under the will of Daniel P. Cummings, who died May 3, 1889, in the amount of \$2,000, the income to be expended for non-sectarian books for the Public Library.

FAY FUND — LIBRARY

A bequest under the will of Isaac Fay, who died December 20, 1872, in the amount of \$1,000 to the Dana Library, now the Cambridge Public Library, the income to be expended for books for said library.

Trust Funds — *Concluded***WILLIAM SAUNDERS FUND — LIBRARY**

Bequest under the will of Abigail L. Prentiss: the residuary estate, after the termination of certain annuities, was paid to the City in trust to be invested, the income to be expended for the purchase and care of books to be placed in the William E. Saunders Alcove, in the Public Library.

JAMES A. WOOLSON FUND — LIBRARY

Bequest under the will of James A. Woolson in the amount of \$5,000, the income to be expended for the purchase of books, an appropriate bookplate to be placed in each book.

WILLIAM PENN HARDING FUND — LIBRARY

A bequest to the City of Cambridge under the will of William Penn Harding in the amount of \$1,000, the income to be expended by the Trustees of the Public Library for the purchase of recent books on science, art or travel of a popular and instructive character. To be designated the William Penn Harding Fund, which designation shall be printed in all the books so purchased.

CITIZEN OF CAMBRIDGE FUND — LIBRARY

Principal of fund, \$7,400. Donated by a citizen of Cambridge, \$3,000 in 1923, \$2,000 in 1924 and \$2,400 in 1926. The income on \$1,000 to be expended for the purchase of books on art, the income on the balance to be expended for the work of Americanization and the purchase of books for the library.

GEORGIA HARDY SPELLING CONTEST FUND

A gift in the amount of \$100 from Georgia Hardy to be invested and the income to be expended for one or more books, to be used as prizes to the winners of a spelling contest to be conducted annually among the students of the senior class of the Cambridge High and Latin School for the purpose of promoting interest in the correct spelling of words of the English language.

CEMETERY PERPETUAL CARE FUND

Held in trust by the City, comprising amounts received from proprietors of lots in Cambridge Cemetery for perpetual care of the respective lots.

CONDITION OF TRUST FUNDS

December 31, 1939

WEBSTER THIERRY FUND

School

		<i>Savings Deposit</i>	<i>Total</i>
Amount in fund January 1, 1939.....		\$334 12	\$334 12
Amount in fund December 31, 1939.....		335 12	335 12
	<i>Receipts</i>	<i>Payments</i>	
Income.....	\$8 37	Added to Savings Deposit...	\$1 00
		Transferred to city.....	7 37
Total.....	<u>\$8 37</u>	Total.....	<u>\$8 37</u>

FREESE FUND

School

		<i>Savings Deposit</i>	<i>Total</i>
Amount in fund January 1, 1939.....		\$219 97	\$219 97
Amount in fund December 31, 1939.....		221 34	221 34
	<i>Receipts</i>	<i>Payments</i>	
Income.....	\$5 49	Added to Savings Deposit...	\$1 37
		Transferred to city.....	4 12
Total.....	<u>\$5 49</u>	Total.....	<u>\$5 49</u>

RUSSELL FUND

Welfare

		<i>Savings Deposit</i>	<i>Total</i>
Amount in fund January 1, 1939.....		\$814 41	\$814 41
Amount in fund December 31, 1939.....		814 41	814 41
	<i>Receipts</i>	<i>Payments</i>	
Income.....	\$20 36	Transferred to city.....	\$20 36
Total.....	<u>\$20 36</u>	Total.....	<u>\$20 36</u>

BRIDGE FUND

Welfare

		<i>Savings Deposit</i>	<i>Total</i>
Amount in fund January 1, 1939.....		\$3,609 96	\$3,609 96
Amount in fund December 31, 1939.....		3,640 10	3,640 10
	<i>Receipts</i>	<i>Payments</i>	
Income.....	\$90 42	Added to Savings Deposit...	\$30 14
		Transferred to city.....	60 28
Total.....	<u>\$90 42</u>	Total.....	<u>\$90 42</u>

CALLANAN FUND

Welfare

		<i>Savings Deposit</i>	<i>Total</i>
Amount in fund January 1, 1939.....		\$2,000 00	\$2,000 00
Amount in fund December 31, 1939.....		2,000 00*	2,000 00
	<i>Receipts</i>	<i>Payments</i>	
Income.....	\$40 00	Transferred to city.....	\$40 00
Total.....	<u>\$40 00</u>	Total.....	<u>\$40 00</u>

*In closed bank, \$400.00

Trust Funds — Continued

KINGMAN FUND

School

		<i>Savings Deposit</i>	<i>Total</i>
Amount in fund January 1, 1939.....		\$1,700 00	\$1,700 00
Amount in fund December 31, 1939.....		1,700 00	1,700 00
<i>Receipts</i>		<i>Payments</i>	
Income.....	\$42 50	Transferred to city.....	\$42 50
Total.....	<u>\$42 50</u>	Total.....	<u>\$42 50</u>

GEORGIA HARDY SPELLING CONTEST FUND

School

		<i>Securities Par Value</i>	<i>Total</i>
Amount in fund January 1, 1939.....		\$100 00	\$100 00
Amount in fund December 31, 1939.....		100 00	100 00
<i>Receipts</i>		<i>Payments</i>	
Income.....	\$9 00	Transferred to city.....	\$9 00
Total.....	<u>\$9 00</u>	Total.....	<u>\$9 00</u>

CITIZENS' SUBSCRIPTION FUND

Library

	<i>Cash</i>	<i>Savings Deposit</i>	<i>Total</i>
Amount in fund January 1, 1939...	\$126 04	\$5,500 00	\$5,626 04
Amount in fund December 31, 1939	126 04*	5,500 00†	5,626 04
<i>Receipts</i>		<i>Payments</i>	
Income.....	\$135 00	Transferred to city.....	\$135 00
Cash on hand January 1, 1939	126 04	Cash on hand December 31, 1939.....	126 04
Total.....	<u>\$261 04</u>	Total.....	<u>\$261 04</u>

*In closed bank, \$126.04

†In closed bank, \$100.00

CUMMINGS FUND

Library

	<i>Cash</i>	<i>Savings Deposit</i>	<i>Total</i>
Amount in fund January 1, 1939...	\$169 94	\$2,000 00	\$2,169 94
Amount in fund December 31, 1939	169 94*	2,000 00	2,169 94
<i>Receipts</i>		<i>Payments</i>	
Income.....	\$50 00	Transferred to city.....	\$50 00
Cash on hand January 1, 1939	169 94	Cash on hand December 31, 1939.....	169 94
Total.....	<u>\$219 94</u>	Total.....	<u>\$219 94</u>

*In closed bank, \$169.94

Trust Funds — Continued

FAY FUND

Library			
	Cash	Savings Deposit	Total
Amount in fund January 1, 1939...	\$58 21	\$1,000 00	\$1,058 21
Amount in fund December 31, 1939	58 21*	1,000 00	1,058 21
Receipts		Payments	
Income.....	\$25 00	Transferred to city.....	\$25 00
Cash on hand January 1, 1939	58 21	Cash on hand December 31, 1939.....	58 21
Total.....	<u>\$83 21</u>	Total.....	<u>\$83 21</u>

*In closed bank, \$58.21

HOWE FUND

Library			
	Cash	Savings Deposit	Total
Amount in fund January 1, 1939...	\$61 32	\$3,000 00	\$3,061 32
Amount in fund December 31, 1939	61 32*	3,000 00	3,061 32
Receipts		Payments	
Income.....	\$75 00	Transferred to city.....	\$75 00
Cash on hand January 1, 1939	61 32	Cash on hand December 31, 1939.....	61 32
Total.....	<u>\$136 32</u>	Total.....	<u>\$136 32</u>

*In closed bank, \$61.32

MURDOCK FUND

Library			
	Cash	Savings Deposit	Total
Amount in fund January 1, 1939...	\$271 61	\$2,000 00	\$2,271 61
Amount in fund December 31, 1939	271 61*	2,000 00	2,271 61
Receipts		Payments	
Income.....	\$50 00	Transferred to city.....	\$50 00
Cash on hand January 1, 1939	271 61	Cash on hand December 31, 1939.....	271 61
Total.....	<u>\$321 61</u>	Total.....	<u>\$321 61</u>

*In closed bank, \$271.61

WILLIAM SAUNDERS FUND

Library			
	Cash	Savings Deposit	Total
Amount in fund January 1, 1939...	\$228 46	\$7,000 00	\$7,228 46
Amount in fund December 31, 1939	228 46*	7,000 00	7,228 46
Receipts		Payments	
Income.....	\$175 00	Transferred to city.....	\$175 00
Cash on hand January 1, 1939	228 46	Cash on hand December 31, 1939.....	228 46
Total.....	<u>\$403 46</u>	Total.....	<u>\$403 46</u>

*In closed bank, \$228.46

Trust Funds — Continued

WHORF FUND

Library

	Cash	Securities Par Value	Total
Amount in fund January 1, 1939...	\$277 45	\$3,000 00	\$3,277 45
Amount in fund December 31, 1939.	277 45*	3,000 00	3,277 45

Receipts

Payments

Income.....	\$145 00	Transferred to city.....	\$145 00
Cash on hand January 1, 1939	277 45	Cash on hand December 31, 1939.....	277 45
Total.....	<u>\$422 45</u>	Total.....	<u>\$422 45</u>

*In closed bank, \$277.45

WILSON FUND

Library

	Savings Deposit	Total
Amount in fund January 1, 1939.....	\$1,469 27	\$1,469 27
Amount in fund December 31, 1939.....	1,506 22	1,506 22

Receipts

Payments

Income.....	\$36 95	Added to savings deposit....	\$36 95
Total.....	<u>\$36 95</u>	Total.....	<u>\$36 95</u>

WOOLSON FUND

Library

	Cash	Savings Deposit	Total
Amount in fund January 1, 1939...	\$239 43	\$5,000 00	\$5,239 43
Amount in fund December 31, 1939	239 43*	5,000 00	5,239 43

Receipts

Payments

Income.....	\$125 00	Transferred to city.....	\$125 00
Cash on hand January 1, 1939	239 43	Cash on hand December 31, 1939.....	239 43
Total.....	<u>\$364 43</u>	Total.....	<u>\$364 43</u>

*In closed bank, \$239.43

HARDING FUND

Library

	Cash	Savings Deposit	Total
Amount in fund January 1, 1939...	\$40 49	\$1,000 00	\$1,040 49
Amount in fund December 31, 1939	40 49*	1,000 00	1,040 49

Receipts

Payments

Income.....	\$25 00	Transferred to city.....	\$25 00
Cash on hand January 1, 1939	40 49	Cash on hand December 31, 1939.....	40 49
Total.....	<u>\$65 49</u>	Total.....	<u>\$65 49</u>

*In closed bank, \$40.49

Trust Funds — Continued

CARRIE H. SAUNDERS FUND

Library

	<i>Library</i>	<i>Savings Deposit</i>	<i>Total</i>
Amount in fund January 1, 1939.....		\$1,000 00	\$1,000 00
Amount in fund December 31, 1939.....		1,000 00	1,000 00
	<i>Receipts</i>		<i>Payments</i>
Income.....	\$25 00	Transferred to city.....	\$25 00
Total.....	<u>\$25 00</u>	Total.....	<u>\$25 00</u>

CITIZEN OF CAMBRIDGE FUND

Library

	<i>Cash</i>	<i>Savings Deposit</i>	<i>Total</i>
Amount in fund January 1, 1939	\$1,450 28	\$7,400 00	\$8,850 28
Amount in fund December 31, 1939	1,450 28*	7,400 00†	8,850 28
<i>Receipts</i>		<i>Payments</i>	
Income.....	\$163 00	Transferred to city.....	\$163 00
Cash on hand January 1, 1939	1,450 28	Cash on hand December 31, 1939.....	1,450 28
Total.....	<u>\$1,613 28</u>	Total.....	<u>\$1,613 28</u>

*In closed bank, \$1,450.28

†In closed bank, \$880 00

CEMETERY PERPETUAL CARE FUND

	<i>Savings Deposits</i>	<i>Securities Par Value</i>	<i>Total</i>
Amount in fund January 1, 1939.....	\$144,608 12	\$109,500 00	\$254,108 12
Amount in fund December 31, 1939.....	152,846 62	104,500 00	257,346 62
<i>Receipts</i>		<i>Payments</i>	
Securities sold or matured.	\$5,000 00	Added to Savings Deposit	\$8,238 50
Bequests and deposits....	3,238 50	Transferred to city.....	7,968 62
Income.....	7,968 62		
Total.....	<u>\$16,207 12</u>	Total.....	<u>\$16,207 12</u>

MUNICIPAL LOANS SINKING FUND

	<i>Cash</i>	<i>Securities Par Value</i>	<i>Total</i>
Amount in fund January 1, 1939 ...	\$26,651 12	\$2,173,912 50	\$2,200,563 62
Amount in fund December 31, 1939	66,084 35	2,058,500 00	2,124,584 35
<i>Receipts</i>		<i>Payments</i>	
Securities sold or matured.	\$192,412 50	Securities purchased, par value.....	\$77,000 00
Premiums, securities sold..	31 25	Premiums, securities purchased.....	3,595 81
Accrued interest, securities sold.....	945 16	Accrued interest, securities purchased.....	399 11
Discount, securities purchased.....	1,022 02	Discount, securities sold	450 69
Income from investments.	76,303 41	Bank charges.....	15 50
From water loans sinking fund correcting over-payment.....	180 00	Transferred to city to pay maturing debt.....	150,000 00
Cash on hand January 1, 1939.....	26,651 12	Cash on hand December 31, 1939.....	66,084 35
Total.....	<u>\$297,545 46</u>	Total.....	<u>\$297,545 46</u>

Trust Funds — Continued

WATER LOANS SINKING FUND

	<i>Cash</i>	<i>Savings Deposit</i>	<i>Securities Par Value</i>	<i>Total</i>
Amount in fund January 1, 1939.....	\$2,359 62	\$33,204 55	\$11,500 00	\$47,064 17
Amount in fund December 31, 1939.....	2,232 12	34,039 79	11,500 00	47,771 91
<i>Receipts</i>		<i>Payments</i>		
Income from investments.	\$887 74	Added to Savings Deposit To general loans sinking fund correcting over- payment.....		\$835 24 180 00
Cash on hand January 1, 1939.....	2,359 62	Cash on hand December 31, 1939.....		2,232 12
Total.....	<u>\$3,247 36</u>	Total		<u>\$3,247 36</u>

RETIREMENT SYSTEM FUNDS

Act of 1931

Annuity Savings Fund

	<i>Savings Deposit</i>	<i>Securities Par Value</i>	<i>Total</i>
Amount in fund January 1, 1939.....	\$50,602 34	\$129,000 00	\$179,602 34
Amount in fund December 31, 1939...	14,814 66	129,000 00	143,814 66
<i>Receipts</i>		<i>Payments</i>	
Securities transferred to 1936 System, par value.	\$25,000 00	Securities purchased, par value.....	\$25,000 00
Pay roll deductions.....	27,726 21	Premiums, securities pur- chased.....	106 25
Erroneous pay roll deduc- tion.....	1 20	Accrued interest, securities purchased.....	243 90
Earnings on investments..	6,361 37	Commission, securities purchased.....	25 00
Discount, securities pur- chased.....	125 00	Transferred to Annuity Reserve Fund.....	4,801 84
From Annuity Savings Fund, 1936 System.....	638 10	Refunded to members withdrawing.....	5,892 66
		Refund of erroneous pay roll deduction.....	1 20
		Transferred to 1936 System: Securities, par value \$25,000 00 Savings deposit 34,568 71	59,568 71
Withdrawn from savings deposit.....	70,514 56	Added to savings deposit	34,726 88
Total.....	<u>\$130,366 44</u>	Total.....	<u>\$130,366 44</u>

Trust Funds — Continued
Retirement System Funds — Continued
Annuity Reserve Fund

	Cash	Savings Deposit	Total
Amount in fund January 1, 1939.....	\$23 29	\$7,831 90	\$7,855 19
Amount in fund December 31, 1939.....	95 11	11,193 62	11,288 73
<i>Receipts</i>		<i>Payments</i>	
From Annuity Savings Fund	\$4,801 84	Annuities.....	\$1,603 18
Earnings on investments..	234 88	Added to savings deposits	5,036 72
Withdrawn from savings deposit.....	1,675 00		
Cash on hand January 1, 1939.....	23 29	Cash on hand December 31, 1939.....	95 11
Total.....	<u>\$6,735 01</u>	Total.....	<u>\$6,735 01</u>

Pension Accumulation Fund

	Cash	Savings Deposit	Securities Par Value	Total
Amount in fund January 1, 1939.....	\$387 86	\$52,490 98	\$101,000 00	\$153,878 84
Amount in fund December 31, 1939.....	158 97	54,129 24	121,000 00	175,288 21
<i>Receipts</i>		<i>Payments</i>		
Contributions:		Securities purchased, par value.....	\$20,000 00	
City.....	\$39,137 89	Premium, securities pur- chased.....	112 50	
School Dept. 4,798 20		Accrued interest, securi- ties purchased.....	291 39	
Water Dept. 2,526 30		Commission, securities purchased.....	25 00	
	<u>\$46,462 39</u>	Pensions.....	26,628 89	
Earnings on investments..	6,504 76	Transferred to 1936 Sys- tem savings deposit...	5,000 00	
Discount, securities pur- chased.....	500 00	Added to savings deposit	52,967 15	
Withdrawn from savings deposit.....	51,328 89	Cash on hand December 31, 1939.....	158 97	
Cash on hand January 1, 1939.....	387 86			
Total.....	<u>\$105,183 90</u>	Total.....	<u>\$105,183 90</u>	

Reconciliation of Bank Deposits
Checking Accounts
December 31, 1939

Balance Harvard Trust Company per statement.....	\$44 33
Outstanding check, verified.....	44 33
Balance County Bank and Trust Company, per statement.....	<u>\$2,862 10</u>
Balance per check register.....	\$254 08
Outstanding checks verified.....	2,608 02
	<u>2,862 10</u>

Trust Funds — *Continued*Retirement System Funds — *Continued*Reconciliation of Cash on Hand
December 31, 1939

Balance January 1, 1939	\$411 15	
Transferred from Annuity Reserve Fund, verified . . .	1,675 00	
Transferred from Pension Accumulation Fund, verified	26,400 00	
		<u>\$28,486 15</u>
Annuities paid	\$1,603 18	
Pensions paid	26,628 89	
Balance, County Bank and Trust Company	254 08	
		<u><u>\$28,486 15</u></u>

RETIREMENT SYSTEM FUNDS

Act of 1936 — Effective January 1, 1939

Annuity Savings Fund

	<i>Savings Deposit</i>	<i>Securities Par Value</i>	<i>Total</i>
Amount in fund December 31, 1939	\$53,184 53	\$25,000 00	\$78,184 53
<i>Receipts</i>		<i>Payments</i>	
Pay roll deductions \$19,991 52		Transferred from 1931 System:	
Transferred from 1931 System:		Securities,	
Securities,		par value \$25,000 00	
par value . . \$25,000 00		Deposited in	
Savings		savings	
deposits . . . 34,568 71		bank 34,568 71	
	<u>59,568 71</u>		<u>\$59,568 71</u>
Earnings 816 53		Transferred to Annuity	
		Reserve Fund	1,479 22
Withdrawn from savings		Transferred to 1931	
deposit 2,192 23		System	638 10
		Refunded to members . . .	74 91
		Added to savings deposit	20,808 05
Total	<u>\$82,568 99</u>	Total	<u>\$82,568 99</u>

Annuity Reserve Fund

	<i>Cash</i>	<i>Savings Deposit</i>	<i>Total</i>
Amount in fund December 31, 1939	\$27 67	\$1,381 91	\$1,409 58
<i>Receipts</i>		<i>Payments</i>	
From Annuity Savings Fund \$1,479 22		Deposited in savings bank	\$1,479 22
Earnings 2 69		Annuities	72 33
Withdrawn from savings		Added to savings deposit	2 69
deposit 100 00		Cash on hand December	
		31, 1939	27 67
Total	<u>\$1,581 91</u>	Total	<u>\$1,581 91</u>

Trust Funds — *Concluded*Retirement System Funds — *Concluded*

Pension Accumulation Fund

	<i>Cash</i>	<i>Savings Deposit</i>	<i>Total</i>
Amount in fund December 31, 1939.....	\$34 33	\$4,184 59	\$4,218 92
<i>Receipts</i>		<i>Payments</i>	
Transferred from 1931 system, savings deposit....	\$5,000 00	Deposited in savings bank	\$5,000 00
Earnings.....	34 59	Pensions.....	815 67
Withdrawn from savings deposit.....	850 00	Added to savings deposit	34 59
		Cash on hand December 31, 1939.....	34 33
Total.....	<u>\$5,884 59</u>	Total.....	<u>\$5,884 59</u>

Reconciliation of Bank Deposit

Checking Account

December 31, 1939

Balance Harvard Trust Company per statement.....		\$517 26
Balance, per check register.....	\$62 00	
Outstanding checks, verified.....	455 26	
		<u>\$517 26</u>

Reconciliation of Cash on Hand

December 31, 1939

Transferred from Annuity Reserve Fund, verified..	\$100 00	
Transferred from Pension Accumulation Fund, verified.....	850 00	
		<u>\$950 00</u>
Annuities paid.....	\$72 33	
Pensions paid.....	815 67	
Balance Harvard Trust Company, verified.....	62 00	
		<u>\$950 00</u>

ANALYSIS OF APPROPRIATION ACCOUNTS

Department	Schedule	Balance, January 1, 1939		3 Annual Budget Appropriations	4 Preliminary and Supplementary Appropriations	5 Loans	Transfers		8 Total Appropriations Available	Cash		Service Transfers		Balances forward to 1940		16 Transferred to Treasury	17 Transferred to Water Surplus	
		1 Dr.	2 Cr.				6 Dr. From	7 Cr. To		9 Dr. Payments	10 Cr. Refunds	11 From	12 To	13 Actual Expenditures	14 Dr.	15 Cr.		
Revenue for Outlay City Council	A			\$7,500 00	\$41,017 00				\$41,017 00	\$7,500 00				\$7,500 00				
Clerk of Committees	B		\$18 00					\$5 00	\$5 00									
	D	108 20		1,080 00			5 00	1,500 00	2,772 20	1,706 20						\$998 00	\$9 00	
	A			7,510 00					7,510 00	7,510 00								
	B			33 30			1 25	5 25	37 30	37 25								05
	D			40 50			4 00		20 50	35 03								55
Executive	A		35 10	10,610 00				40,137 29	50,753 30	50,698 80	\$7 50			50,901 30		18 50	152 09	
	B		280 80						400 54	441 05				443 05			28 99	
	D		154 88	675 00	130 40		34 70	153 50	1,461 71	1,212 01				1,212 04			94 55	
	A		004 31		503 00		36 00	6,090 65	7,088 40	7,145 99				7,145 99			1 00	
	B			13,610 00			44 00		13,560 00	13,588 07				13,588 07		71 00	60 50	
	D		35 00	291 00				18 70	343 30	215 80				13 50			5 20	
Budget Examiner	A			546 00				44 00	591 00	514 33				514 33			34 45	
	B			3,000 00					3,000 00	3,000 00				3,000 00				
	D			529 20			6 00	124 50	647 70	611 70				641 70		6 00		
	A		3 40						3 40	3 40				3 40				
	B		8 35	9 00					17 35	11 45				11 45		5 00		
	D		109 98	44,700 00				2,271 00	2,340 98	2,228 22				2,228 22		152 70	49 46	
Treasury	A		40 80	6,054 15			247 24		47,134 91	47,087 95	2 50			47,085 45			181 04	
	B		112 83					75	7,012 81	8,287 40	612 47			7,674 03		56 84		
	D		00 01	1,570 00			4 73	301 22	2,053 00	1,638 33	104 07	\$126 75		1,954 11		84 57	15 12	
Administration of Sinking Funds	A			300 00					300 00	300 00				300 00				
	B			30 00					30 00	40 09				40 00				
	D			1 62					1 62									1 62
Assessing	A			27,140 00	800 00		718 00		27,225 00	26,781 50				26,784 50		58 00	440 50	
	B			898 40					1,103 40	1,030 99				1,030 99			74 41	
	D								150 00							123 12	20 88	
License Commission	A		32 75	8,972 00			1,800 00		8,972 00	7,551 52				7,551 52		110 95	33 66	
	B			40 50					40 50	38 00				38 00			420 48	
	D		26 95	252 00					278 05	208 84				208 84			75 11	
Pole and Conduit Commission	A			4 50					4 50								4 50	
	B			18,296 00					18,296 00	18,296 00				18,296 00				
	D			1,543 95			156 14	441 27	1,860 00	1,841 31				1,841 31		13 90	10 70	
City Clerk	A			81 00			33		157 07	157 15				157 15			7 32	
	B			300 00					508 53	580 84				580 84		9 25	2 44	
	D		147 58	3,200 00				91 00	3,200 00	3,200 00				3,200 00		4 00		
City Messenger	A			15 75					15 75	11 75				11 75				63
	B			45 00					45 00	44 97				44 97				
Law	A		443 90	11,966 00	50 00		106 58	30 00	11,710 00	11,746 00				11,746 00		477 51	13 23	
	B		9 05	6,642 90	750 00			164 18	7,894 40	8,246 30	842 70			7,403 66		30 85	6 55	
	D			21,700 00	1,000 00		1,293 47	8 34	24,114 87	24,065 50				24,060 59		25 00	344 37	
Election	A			7,895 75	400 00		60 75	1,184 41	8,015 41	8,474 45				8,474 45			357 47	
	B			225 00			42 58	2,081 00	2,458 47	2,081 00				2,081 00		8 47	11 41	
	D		10 50	25,708 00				17 00	25,785 00	25,716 07				25,716 07			68 33	
Engineering	A		25 21	132 10			32 40		174 31	115 32				115 32		44 52	14 47	
	B		107 73	675 00				11 00	793 73	782 73				782 73			13 48	
	D		30 57	225 00			31 00		230 57	117 74				117 74			7 95	
Inspection of Buildings	A		159 60	22,108 00				6 00	22,108 00	22,108 00			30 00	22,108 00		13 45	102 75	
	B			74 15			66 50		403 85	347 65				347 65				
	D		83 37	345 50					42 00	42 00				42 00				
Municipal Buildings	A		374 16	32,630 00	167 48				31,500 00	31,532 00			102 31	31,532 00		33 85	22 83	
	B			4,732 00					5,653 04	5,143 22				5,143 22			8 00	
	D			1,494 00			68 00		573 52	4,836 00				4,836 00			377 35	
Police	A			27 00					127 06	102 00				102 00		25 96	153 24	
	B			521,100 00				6,850 00	7,532 16	5,844 73				5,844 73		1,672 56	14 85	
	D		556 83	4,419 00	91 70		989 04		520,111 26	521,997 91	3,553 70			518,444 21		734 85	139 21	
	A		3,319 79	6,071 61			135 09	452 90	9,350 38	4,412 27				4,412 27		450 97	100 70	
	B		1,444 05	1,365 00	200 00		982 07	30 00	7,436 43	6,881 90				6,881 90		1,039 16	408 41	
	D			462,270 88	46,815 22		113 30	1,736 51	6,252 26	7,434 70				7,205 09			1,078 36	
Fire	A		18 20	10,524 00				210 00	507,312 10	509,313 74				509,313 74		92 28	2 20	
	B		474 53	2,328 00					2,328 00	2,371 96				2,371 96		2,370 05	6 83	
	D		483 37	11,385 00	1,650 60		150 00	280 00	18,048 55	16,311 67	46 47			16,311 67		3,353 45	391 43	
Electrical	A		90 52	61,204 00			100 00		11,980 37	8,281 96				8,281 96		65 80	868 75	
	B		3,601 73	1,873 80					61,808 00	60,339 23				60,339 23		124 57	158 78	
	D		679 61	3,615 00					2,145 00	1,802 25				1,802 25		52 15	415 90	
	A			90 00			52 20	622 00	3,806 73	3,835 68			6 66	3,835 68		1,010 05	44 88	
	B		934 98	1,000 00					3,274 41	2,212 88				2,212 88		21 45	35	
	D		102 28	138,000 00			200 06		1,224 98	991 98				991 98		11,517 37	95 46	
Street Lighting	A			5,200 00			231 00	24 98	138,000 00	126,387 17				126,387 17		380 21	211 64	
Traffic Signals	A		7 50	10,140 00			20 30	0 10	10,140 00	10,140 00				10,140 00				
	B			102 30					101 00	80 22				80 22				
	D		8 50	219 30			10 00	29 93	277 74	138 90			105 20	244 10		10 52	10 86	
Postage	A			8 22 50					10 00	10 00				10 00				
	B			21,762 00			1,542 00	60 00	20,120 00	19,997 01				19,997 01				
	D		1 00	544 50			5 00	143 00	164 80	105 55				105 55		23 83	35 45	
Health, General Maintenance	A			73,754 00					601 63	513 74	12 00			501 74		60 98	32 91	
	B			27,262 00			3,630 00	325 00	73,754 00	72,155 46				72,155 46				
	D			22 00					24,001 45	19,102 75				19,102 75			1,598 54	
Tuberculosis Hospital	A		20 80	5,710 00	2,100 00		75 00		22 00	20 00			106 16	20 00		3,601 35	1,297 15	
	B		99 62	34,140 00				80 00	5,889 02	5,373 47				5,373 47		36 77	43 96	
	D		53 50	1,770 00			100 00		30,506 22	30,059 43	62 50			30,059 43		318 96	509 29	
	A		2,515 84	28,145 00			189 00	2,340 00	5,713 50	4,297 03				4,297 03		910 32	500 12	
	B		91 12	7,135 00					32,811 84	24,833 01				24,833 01		24 30	111 81	
	D			44 70			2 70	11 00	101 12	79 31				79 31		6,533 83	1,445 00	
Dental Clinics	A		15 22	15,180 00			80 00		7,135 00	7,135 00				7,135 00				
	B			10 00					53 00	31 00				31 00		14 00	8 00	
	D			2,000 00					15,100 00	15,090 00			58 96	15,090 00		31 9		

CITY OF CAMBRIDGE
MASSACHUSETTS

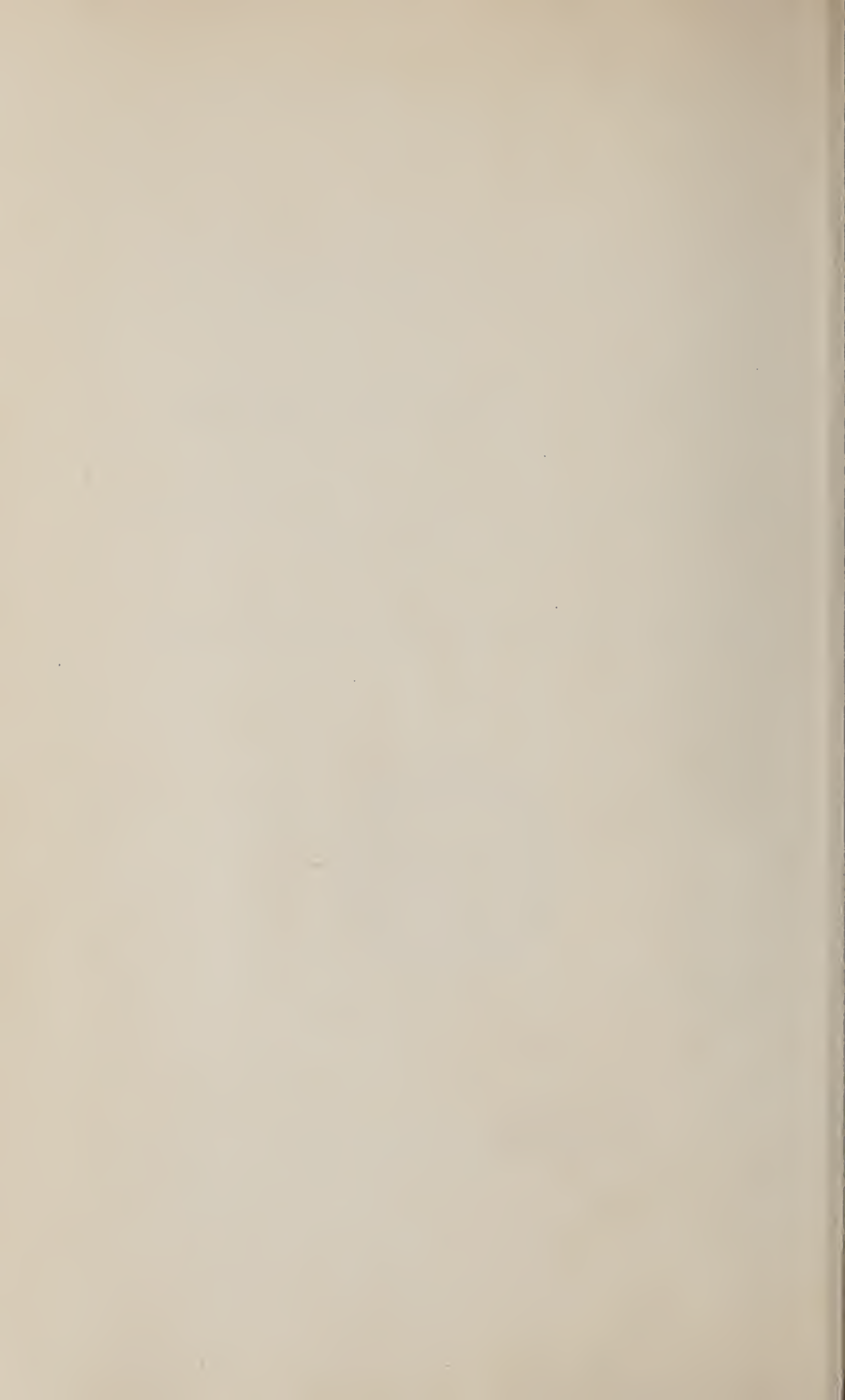
ANNUAL REPORT
OF THE
CITY TREASURER

TOGETHER WITH THE REPORT OF THE
COMMISSIONERS OF SINKING FUNDS OF THE
CITY OF CAMBRIDGE

For the Year Ending December 31, 1939



PRINTED FOR THE DEPARTMENT
UNDER THE DIRECTION OF THE CITY CLERK



REPORT OF CITY TREASURER

LETTER OF TRANSMITTAL

Cambridge, Mass., January 1, 1940

To the Honorable City Council:

In compliance with the provisions of Chapter 56 of the revised ordinances of 1892, amended to November 8, 1899, compiled to November 10, 1913, concerning "Annual reports of officers and boards in charge of departments," I respectfully submit herewith a report of the receipts and expenditures of the public funds by the Treasury Department during the year ending December 31, 1939, including an account of all bonded and temporary loans negotiated in said year, also a detailed account of official fees received and reports of all trust funds in the care of the City Treasurer. In addition to the above, a report of the Commissioners of the Sinking Funds of the City is included.

Very respectfully,

ANDREW P. CARROLL,
City Treasurer.

TEMPORARY LOANS IN ANTICIPATION OF REVENUE NEGOTIATED
DURING THE YEAR ENDING DECEMBER 31, 1939

Date	Maturity	Amount	Discount per Annum
Jan. 31, 1939	Nov. 3, 1939	\$500,000 00	.18
Feb. 1, 1939	Nov. 3, 1939	500,000 00	.20
Feb. 1, 1939	Nov. 3, 1939	1,000,000 00	.20
April 6, 1939	Nov. 15, 1939	500,000 00	.15
May 10, 1939	Nov. 16, 1939	500,000 00	.164
May 22, 1939	Feb. 21, 1940	200,000 00	.19
May 19, 1939	Feb. 21, 1940	500,000 00	.19
June 12, 1939	Mar. 20, 1940	700,000 00	.19
June 27, 1939	Mar. 29, 1940	500,000 00	.151
Aug. 7, 1939	April 18, 1940	500,000 00	.15

PARTICULARS REGARDING BOND SALES NEGOTIATED DURING THE YEAR ENDING DECEMBER 31, 1939

Date of Bonds	Amount	Loan	Years to Run	Rate	Purchaser	Rate
Feb. 1, 1939	\$50,000	Additional Departmental Equipment	\$10,000 annually for 5 years	1%	Jackson & Curtis	100.37
Feb. 1, 1939	200,000	Sewer	7,000 annually for 20 years	2%	Lazard Frères & Co. and Kidder, Peabody & Co.	100.177
June 1, 1939	71,000	Bridges, Additions and Repairs	6,000 annually for 10 years	1 3/4%	Tyler & Co.	101.139
July 1, 1939	200,000	Street	4,000 annually for 11 years	3/4%	National Shawmut Bank of Boston	100.00
Aug. 1, 1939	465,000	Municipal Relief	3,000 annually for 9 years	1 1/2%	H. C. Wainwright and Halsey Stuart & Co.	100.111
Sept. 1, 1939	200,000	Street	40,000 annually for 5 years	1 3/4%	National Shawmut Bank of Boston	100.00
Sept. 1, 1939	250,000	State Tax Funding	50,000 annually for 5 years	1 3/4%	National Shawmut Bank of Boston	100.00
Nov. 1, 1939	200,000	Street	40,000 annually for 5 years	3/4%	Second National Bank of Boston	100.051
Dec. 1, 1939	71,000	Municipal Relief	8,000 for 1 year	1 1/4%	National Shawmut Bank of Boston	100.655
			7,000 annually for 9 years			

RECAPITULATION

Additional Departmental Equipment	\$50,000 00
Street	600,000 00
Additions and Repair Bridges	71,000 00
State Tax Funding	250,000 00
Municipal Relief	536,000 00
Sewer	200,000 00
	<hr/>
	\$1,707,000 00

TREASURER'S DEPARTMENT

FEES

Demands	\$2,501 90
Certificates	306 00
Deeds of Release	120 00
Demands on Tax Liens	62 95
Per Statute	93 00
Examination of Title	184 00
Advertising	139 55
Preparing and Posting	63 00
Affidavits	2 75
Recording Affidavits	39 80
Preparing Deeds	20 00
Recording Deeds	81 10
Warrants	1 00
	<hr/>
	\$3,615 05

CASH

Cash on hand December 31, 1938	\$2,546,983 85
Cash receipts for year ending December 31, 1939	18,252,545 52
	<hr/>
Total cash for the year ending December 31, 1939	\$20,799,529 37
Cash expenditures for the year ending December 31, 1939	19,564,950 15
	<hr/>
Cash balance December 31, 1939	\$1,234,579 22
Included in this cash is \$434,915 28 PWA Projects.	

Note: For detailed cash receipts and expenditures see Auditor's report.

REPORT OF TRUST FUNDS
IN HANDS OF CITY TREASURER

The following is the condition of the funds:

CEMETERY TRUST FUND

Perpetual Care Fund, December 31, 1938	\$253,506 12
Deeds in Trust, December 31, 1939	602 00
Received from owners of lots for perpetual care	3,238 50
	<hr/>
	\$257,346 62

Cash Account**Dr.**

Balance on deposit, December 31, 1938.....	\$144,608 12
Received from owners of lots for perpetual care.....	3,238 50
Received interest on investments.....	7,968 62
Received for bonds matured.....	5,000 00

 \$160,815 24
Cr.

Paid City of Cambridge for care of lots in perpetual care.....	\$7,968 62
Balance on deposit in Cambridge Savings Banks.....	152,846 62

 \$160,815 24
Webster Thierry Historic Prize Fund

This is a fund of \$300 donated by Adelaide H. Thierry. Out of the income each year, one dollar is to be added to the principal sum. From the remaining income each year, a book or books are to be purchased under the direction of the Headmaster of the Cambridge High and Latin School, to be awarded by said Headmaster as a prize to the pupil adjudged by him to have done, during the current year, the best work in the most advanced course in American History and Government which is given in said school.

Any balance left each year from the income of said fund after the purposes have been fulfilled is to be added to the principal sum and thereafter the income only is to be used as above.

Amount of fund December 31, 1938.....	\$334 12
Income on fund.....	8 37

 \$342 49

Paid City of Cambridge.....	7 37
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Amount of fund December 31, 1939.....	\$335 12
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William Penn Harding Fund

Amount of fund December 31, 1938.....	\$1,000 00
Income on fund.....	25 00

 \$1,025 00

Paid City of Cambridge.....	25 00
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Amount of fund December 31, 1939.....	\$1,000 00
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John Wesley Freese Fund

Amount of fund December 31, 1938.....	\$219 97
Income on fund.....	5 49

 \$225 46

Paid City of Cambridge.....	4 12
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Amount in Cambridgeport Savings Bank, December 31, 1939.....	\$221 34
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Bridge Charitable Fund

Amount of fund December 31, 1938.....	\$3,609 96
Income on fund.....	90 42

 \$3,700 38

Paid City of Cambridge.....	60 28
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Amount in Cambridge Savings Bank, December 31, 1939.....	\$3,640 10
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Georgia Hardy Fund

Amount of fund December 31, 1938	\$100 00
Income on fund	9 00
	<hr/>
	\$109 00
Paid City of Cambridge	9 00
	<hr/>
Amount of fund December 31, 1939	\$100 00

Sarah E. Russell Fund

Amount of fund December 31, 1938	\$814 41
Income on fund	20 36
	<hr/>
	\$834 77
Paid City of Cambridge	20 36
	<hr/>
Amount of fund December 31, 1939	\$814 41

Edward L. Kingman Scholarship Fund

Amount of fund December 31, 1938	\$1,700 00
Income on fund	42 50
	<hr/>
	\$1,742 50
Paid City of Cambridge	42 00
	<hr/>
Amount of fund December 31, 1939	\$1,700 00

Reverend P. H. Callanan Fund

Amount of fund December 31, 1938	\$2,000 00
Income on fund	40 00
	<hr/>
	\$2,040 00
Paid City of Cambridge	40 00
	<hr/>
Amount of fund December 31, 1939	\$2,000 00
Amount in closed bank, \$400 00.	

LIBRARY TRUST FUNDS**Transferred to Custody of Treasurer****Howe Fund**

Amount of fund December 31, 1938	\$3,061 32
Income on fund	75 00
	<hr/>
	\$3,136 32
Paid City of Cambridge	75 00
	<hr/>
Amount of fund December 31, 1939	\$3,061 32
Amount in closed bank, \$61 32.	

Cummings Fund

Amount of fund December 31, 1938	\$2,169 94
Income on fund	50 00
	<hr/>
	\$2,219 94
Paid City of Cambridge	50 00
	<hr/>
Amount of fund December 31, 1939	\$2,169 94
Amount in closed bank, \$169 94.	

Woolson Fund

Amount of fund December 31, 1938.....	\$5,239 43
Income on fund.....	125 00

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	\$5,364 43
Paid City of Cambridge.....	125 00

Amount of fund December 31, 1939.....	\$5,239 43
Amount in closed bank, \$239 43.	

Whorf Fund

Amount of fund December 31, 1938.....	\$3,277 45
Income on fund.....	145 00

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	\$3,422 45
Paid City of Cambridge.....	145 00

Amount of fund December 31, 1939.....	\$3,277 45
Amount in closed bank, \$277 45.	

Saunders Fund

Amount of fund December 31, 1938.....	\$7,228 46
Income on fund.....	175 00

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	\$7,403 46
Paid City of Cambridge.....	175 00

Amount of fund December 31, 1939.....	\$7,228 46
Amount in closed bank, \$228 46.	

Fay Fund

Amount of fund December 31, 1938.....	\$1,058 21
Income on fund.....	25 00

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	\$1,083 21
Paid City of Cambridge.....	25 00

Amount of fund December 31, 1939.....	\$1,058 21
Amount in closed bank, \$58 21.	

Murdock Fund

Amount of fund December 31, 1938.....	\$2,271 61
Income on fund.....	50 00

	<hr/>
	\$2,321 61
Paid City of Cambridge.....	50 00

Amount of fund December 31, 1939.....	\$2,271 61
Amount in closed bank, \$271 61.	

Wilson Fund

Amount of fund December 31, 1938.....	\$1,469 27
Income added to fund.....	36 95

Amount of fund December 31, 1939.....	\$1,506 22
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Citizens Subscription Fund

Amount of fund December 31, 1938.....	\$5,626 04
Income on fund.....	135 00
	<hr/>
	\$5,761 04
Paid City of Cambridge.....	135 00
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Amount of fund December 31, 1939.....	\$5,626 04
Amount in closed bank, \$226 04.	

Citizens of Cambridge Fund

Amount of fund December 31, 1938.....	\$8,850 28
Income on fund.....	163 00
	<hr/>
	\$9,013 28
Paid City of Cambridge.....	163 00
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Amount of fund December 31, 1939.....	\$8,850 28
Amount in closed bank, \$2,330 28.	

Harding Fund

Amount of fund December 31, 1938.....	\$40 49
Amount of fund December 31, 1939.....	40 49
Amount in closed bank, \$40 49.	

Carrie H. Saunders Fund

Amount of fund December 31, 1938.....	\$1,000 00
Income on fund.....	25 00
	<hr/>
	\$1,025 00
Paid City of Cambridge.....	25 00
	<hr/>
Amount of fund December 31, 1939.....	\$1,000 00

The Bonded Debt matures as follows:

Issued serially, provided for in the annual tax levy.

Jan.	1, 1940	Sewer.....	4s	\$500 00
Jan.	1, 1940	Street.....	2½s	10,000 00
Feb.	1, 1940	School Loan Act of 1928.....	5s	44,000 00
Feb.	1, 1940	Building.....	3¼s	14,000 00
Feb.	1, 1940	Building.....	3½s	12,000 00
Feb.	1, 1940	Sewer.....	2½s	7,000 00
Feb.	1, 1940	Additional Departmental Equipment	1s	10,000 00
Feb.	1, 1940	Sewer.....	2s	7,000 00
Mar.	1, 1940	Land for playground.....	4s	500 00
Mar.	1, 1940	Sewer separate system.....	4s	1,500 00
Mar.	1, 1940	Sewer separate system.....	4s	2,000 00
Mar.	1, 1940	Sewer separate system.....	3¾s	3,000 00
Mar.	1, 1940	Sewer separate system.....	4¼s	3,000 00
Mar.	1, 1940	School.....	4s	2,000 00
Mar.	1, 1940	Separate system of sewers.....	4s	3,000 00
Mar.	1, 1940	Sewer.....	2¾s	3,000 00
Mar.	1, 1940	Sewer.....	2½s	4,000 00
April	1, 1940	Street.....	3s	20,000 00
				<hr/>
		Amount carried forward.....		\$146,500 00

<i>Amount brought forward</i>			\$146,500 00
April 1, 1940	Sewer.....	3 $\frac{1}{4}$ s	\$2,000 00
May 1, 1940	Sewer.....	3 $\frac{1}{2}$ s	500 00
May 1, 1940	Cambridge Bridge.....	4s	2,000 00
May 1, 1940	Street.....	1 $\frac{1}{4}$ s	40,000 00
May 1, 1940	Street.....	1 $\frac{1}{4}$ s	40,000 00
June 1, 1940	Hospital building.....	4s	2,000 00
June 1, 1940	Sewer construction.....	4s	500 00
June 1, 1940	Sewer separate system.....	4s	500 00
June 1, 1940	Building.....	4 $\frac{1}{4}$ s	1,000 00
June 1, 1940	Sewer separate system.....	4 $\frac{1}{4}$ s	1,500 00
June 1, 1940	First Street Bridge.....	4 $\frac{1}{4}$ s	1,000 00
June 1, 1940	Street.....	4s	15,000 00
June 1, 1940	Alewife Brook Fresh Pond Highway	3 $\frac{1}{2}$ s	15,000 00
June 1, 1940	Street.....	1 $\frac{1}{2}$ s	40,000 00
June 1, 1940	Addition and Repair Bridges.....	1 $\frac{3}{4}$ s	4,000 00
July 1, 1940	Sewer.....	4s	500 00
July 1, 1940	Sewer separate system.....	4s	500 00
July 1, 1940	Park.....	4s	1,000 00
July 1, 1940	Sewer.....	4 $\frac{1}{2}$ s	1,000 00
July 1, 1940	Playground.....	4s	500 00
July 1, 1940	Sewer separate system.....	4s	1,000 00
July 1, 1940	School.....	4s	33,000 00
July 1, 1940	Street.....	3 $\frac{1}{2}$ s	10,000 00
July 1, 1940	Street.....	2 $\frac{1}{2}$ s	20,000 00
July 1, 1940	Street.....	1 $\frac{1}{4}$ s	40,000 00
July 1, 1940	Street.....	1s	40,000 00
July 1, 1940	Street.....	$\frac{3}{4}$ s	40,000 00
July 15, 1940	Schoolhouse.....	4 $\frac{1}{2}$ s	4,000 00
July 15, 1940	Sewer construction.....	4s	1,000 00
July 15, 1940	Sewer separate system.....	4s	1,000 00
Aug. 1, 1940	Street.....	4s	15,000 00
Aug. 1, 1940	Sewer.....	4 $\frac{1}{2}$ s	2,000 00
Aug. 1, 1940	Sewer.....	3 $\frac{3}{4}$ s	2,000 00
Aug. 1, 1940	Street.....	1 $\frac{1}{4}$ s	20,000 00
Aug. 1, 1940	Municipal Relief, Act of 1936.....	1 $\frac{3}{4}$ s	25,000 00
Aug. 1, 1940	Street.....	1 $\frac{1}{2}$ s	40,000 00
Aug. 1, 1940	Municipal Relief.....	1 $\frac{1}{2}$ s	30,000 00
Aug. 1, 1940	Sewer.....	2 $\frac{1}{4}$ s	4,000 00
Aug. 1, 1940	Municipal Relief.....	1 $\frac{1}{2}$ s	47,000 00
Sept. 1, 1940	Park.....	3 $\frac{1}{2}$ s	1,000 00
Sept. 1, 1940	Park.....	4s	1,000 00
Sept. 1, 1940	Sewer separate system.....	4 $\frac{1}{2}$ s	3,000 00
Sept. 1, 1940	Street.....	1 $\frac{3}{4}$ s	40,000 00
Sept. 1, 1940	Street.....	1s	40,000 00
Sept. 1, 1940	Municipal Relief.....	1 $\frac{1}{2}$ s	10,000 00
Sept. 1, 1940	Street.....	1 $\frac{3}{4}$ s	40,000 00
Sept. 1, 1940	State Tax Funding.....	1 $\frac{3}{4}$ s	50,000 00
Oct. 1, 1940	Sewer construction.....	4 $\frac{1}{2}$ s	1,500 00
Oct. 1, 1940	Sewer.....	5s	1,000 00
Oct. 1, 1940	Hospital.....	5s	2,500 00
Oct. 1, 1940	Sewer.....	5s	1,000 00
Oct. 1, 1940	Sewer.....	5s	500 00
Oct. 1, 1940	Building.....	4 $\frac{1}{2}$ s	2,000 00
Oct. 1, 1940	Sewer construction.....	4 $\frac{1}{2}$ s	2,000 00
Oct. 1, 1940	Sewer separate system.....	4 $\frac{1}{2}$ s	1,500 00
Oct. 1, 1940	Schoolhouse.....	4s	13,000 00
Oct. 1, 1940	First Street Bridge.....	4s	4,000 00
<i>Amount carried forward</i>			\$904,000 00

<i>Amount brought forward</i>			\$904,000 00
Oct. 1, 1940	Sewer construction.....4s	\$500 00	
Oct. 1, 1940	Sewer separate system.....4s	1,000 00	
Oct. 1, 1940	Land for playground.....4s	1,000 00	
Oct. 1, 1940	Sewer separate system.....4s	2,500 00	
Oct. 1, 1940	Land for playground.....4 $\frac{1}{4}$ s	500 00	
Oct. 1, 1940	Sewer separate system.....4 $\frac{1}{4}$ s	2,500 00	
Oct. 1, 1940	City of Cambridge, Charles River		
	Bridge, Acts of 1921.....4s	5,000 00	
Oct. 1, 1940	Building.....4s	22,000 00	
Oct. 1, 1940	Separate system of sewers.....4s	1,000 00	
Oct. 1, 1940	Separate system of sewers.....4s	1,000 00	
Oct. 1, 1940	Sixth Street Bridge.....4s	2,000 00	
Oct. 1, 1940	Schoolhouse.....4s	1,000 00	
Oct. 1, 1940	Building.....4 $\frac{1}{4}$ s	2,500 00	
Oct. 1, 1940	Sewer separate system.....4 $\frac{1}{4}$ s	500 00	
Oct. 1, 1940	Street.....4 $\frac{1}{4}$ s	10,000 00	
Oct. 1, 1940	Sewer.....3 $\frac{1}{2}$ s	3,000 00	
Oct. 1, 1940	Building (Schoolhouse).....2s	26,000 00	
Oct. 1, 1940	Schoolhouse.....2s	11,000 00	
Oct. 1, 1940	Building (Library).....2s	2,000 00	
Oct. 1, 1940	Building (Garage).....2s	6,000 00	
Oct. 1, 1940	Hospital.....2s	9,000 00	
Oct. 1, 1940	Building (Incinerator).....2s	8,000 00	
Nov. 1, 1940	Charles River Bridge, Acts of 1921..4 $\frac{1}{2}$ s	18,000 00	
Nov. 1, 1940	Sewer.....2 $\frac{1}{2}$ s	3,000 00	
Nov. 1, 1940	Municipal Relief.....2s	20,000 00	
Nov. 1, 1940	Street.....1 $\frac{1}{4}$ s	40,000 00	
Nov. 1, 1940	Street..... $\frac{3}{4}$ s	40,000 00	
Dec. 1, 1940	Sewer separate system.....4s	500 00	
Dec. 1, 1940	Sewer construction.....4 $\frac{1}{2}$ s	500 00	
Dec. 1, 1940	Street.....2 $\frac{1}{2}$ s	5,000 00	
Dec. 1, 1940	City of Cambridge, Charles River		
	Bridge, Acts of 1921.....3 $\frac{3}{4}$ s	5,000 00	
Dec. 1, 1940	Building.....3 $\frac{3}{4}$ s	7,000 00	
Dec. 1, 1940	Third Street Bridge.....3 $\frac{3}{4}$ s	2,500 00	
Dec. 1, 1940	Schoolhouse.....4 $\frac{1}{4}$ s	35,000 00	
Dec. 1, 1940	Building.....4 $\frac{1}{4}$ s	2,000 00	
Dec. 1, 1940	Schoolhouse, Acts of 1928.....4 $\frac{1}{2}$ s	20,000 00	
Dec. 1, 1940	City Hospital, Acts of 1929.....4 $\frac{1}{2}$ s	30,000 00	
Dec. 1, 1940	Street.....4s	7,500 00	
Dec. 1, 1940	Municipal Relief.....1 $\frac{3}{4}$ s	15,000 00	
Dec. 1, 1940	Street.....2s	40,000 00	
Dec. 1, 1940	T. B. Hospital.....1 $\frac{3}{4}$ s	12,000 00	
Dec. 1, 1940	Municipal Relief.....1 $\frac{1}{4}$ s	8,000 00	
Jan. 1, 1941	Sewer.....4s	500 00	
Jan. 1, 1941	Street.....2 $\frac{1}{2}$ s	10,000 00	
Feb. 1, 1941	School Loan Act of 1928.....5s	44,000 00	
Feb. 1, 1941	Building.....3 $\frac{1}{4}$ s	14,000 00	
Feb. 1, 1941	Building.....3 $\frac{1}{2}$ s	12,000 00	
Feb. 1, 1941	Sewer.....2 $\frac{1}{2}$ s	7,000 00	
Feb. 1, 1941	Additional Departmental Equipment1s	10,000 00	
Feb. 1, 1941	Sewer.....2s	7,000 00	
Mar. 1, 1941	Land for playground.....4s	500 00	
Mar. 1, 1941	Sewer separate system.....4s	1,500 00	
Mar. 1, 1941	Sewer separate system.....4s	2,000 00	
Mar. 1, 1941	Separate system of sewers.....3 $\frac{3}{4}$ s	3,000 00	
Mar. 1, 1941	Sewer separate system.....4 $\frac{1}{4}$ s	3,000 00	

Amount carried forward \$1,447,500 00

<i>Amount brought forward</i>			\$1,447,500 00
Mar. 1, 1941	School .....	.4s	\$2,000 00
Mar. 1, 1941	Separate system of sewers.....	.4s	3,000 00
Mar. 1, 1941	Sewer.....	2 $\frac{3}{4}$ s	3,000 00
Mar. 1, 1941	Sewer.....	2 $\frac{1}{2}$ s	4,000 00
April 1, 1941	Street.....	.3s	20,000 00
April 1, 1941	Sewer.....	3 $\frac{1}{4}$ s	2,000 00
May 1, 1941	Cambridge Bridge.....	.4s	2,000 00
May 1, 1941	Sewer.....	3 $\frac{1}{2}$ s	500 00
May 1, 1941	Street.....	1 $\frac{1}{4}$ s	40,000 00
June 1, 1941	Hospital building.....	.4s	2,000 00
June 1, 1941	Sewer construction.....	.4s	500 00
June 1, 1941	Sewer separate system.....	.4s	500 00
June 1, 1941	Building.....	4 $\frac{1}{4}$ s	1,000 00
June 1, 1941	First Street Bridge.....	4 $\frac{1}{4}$ s	1,000 00
June 1, 1941	Sewer separate system.....	4 $\frac{1}{4}$ s	1,500 00
June 1, 1941	Alewife Brook Fresh Pond Highway.....	3 $\frac{1}{2}$ s	14,000 00
June 1, 1941	Street.....	1 $\frac{1}{2}$ s	40,000 00
June 1, 1941	Addition and Repair Bridges.....	1 $\frac{3}{4}$ s	4,000 00
July 1, 1941	Sewer.....	.4s	500 00
July 1, 1941	Sewer separate system.....	.4s	500 00
July 1, 1941	Sewer separate system.....	.4s	1,000 00
July 1, 1941	Sewer.....	4 $\frac{1}{2}$ s	1,000 00
July 1, 1941	Playground.....	.4s	500 00
July 1, 1941	School.....	.4s	33,000 00
July 1, 1941	Street.....	2 $\frac{1}{2}$ s	20,000 00
July 1, 1941	Street.....	3 $\frac{1}{2}$ s	10,000 00
July 1, 1941	Street.....	1 $\frac{1}{4}$ s	40,000 00
July 1, 1941	Street.....	.1s	40,000 00
July 1, 1941	Street.....	$\frac{3}{4}$ s	40,000 00
July 15, 1941	Schoolhouse.....	4 $\frac{1}{4}$ s	4,000 00
July 15, 1941	Sewer construction.....	.4s	1,000 00
July 15, 1941	Sewer separate system.....	.4s	1,000 00
Aug. 1, 1941	Sewer.....	4 $\frac{1}{2}$ s	2,000 00
Aug. 1, 1941	Sewer.....	3 $\frac{3}{4}$ s	2,000 00
Aug. 1, 1941	Municipal Relief, Act of 1936.....	1 $\frac{3}{4}$ s	25,000 00
Aug. 1, 1941	Street.....	1 $\frac{1}{2}$ s	40,000 00
Aug. 1, 1941	Municipal Relief.....	1 $\frac{1}{2}$ s	30,000 00
Aug. 1, 1941	Sewer.....	2 $\frac{1}{4}$ s	4,000 00
Aug. 1, 1941	Municipal Relief.....	1 $\frac{1}{2}$ s	47,000 00
Sept. 1, 1941	Park.....	3 $\frac{1}{2}$ s	1,000 00
Sept. 1, 1941	Park.....	.4s	1,000 00
Sept. 1, 1941	Sewer separate system.....	4 $\frac{1}{2}$ s	3,000 00
Sept. 1, 1941	Street.....	.1s	40,000 00
Sept. 1, 1941	Municipal Relief.....	1 $\frac{1}{2}$ s	10,000 00
Sept. 1, 1941	Street.....	1 $\frac{3}{4}$ s	40,000 00
Sept. 1, 1941	State Tax Funding.....	1 $\frac{3}{4}$ s	50,000 00
Oct. 1, 1941	Sewer construction.....	4 $\frac{1}{2}$ s	1,500 00
Oct. 1, 1941	Sewer.....	.5s	1,000 00
Oct. 1, 1941	Sewer.....	.5s	500 00
Oct. 1, 1941	Building.....	4 $\frac{1}{2}$ s	2,000 00
Oct. 1, 1941	Sewer construction.....	4 $\frac{1}{2}$ s	2,000 00
Oct. 1, 1941	Sewer separate system.....	4 $\frac{1}{2}$ s	1,500 00
Oct. 1, 1941	Schoolhouse.....	.4s	13,000 00
Oct. 1, 1941	First Street Bridge.....	.4s	4,000 00
Oct. 1, 1941	Sewer construction.....	.4s	500 00
Oct. 1, 1941	Sewer separate system.....	.4s	1,000 00
Oct. 1, 1941	Land for playground.....	.4s	1,000 00

Amount carried forward..... \$2,104,000 00

<i>Amount brought forward</i>			\$2,104,000 00
Oct. 1, 1941	Separate system of sewers	4s	\$2,500 00
Oct. 1, 1941	Land for playground	4 $\frac{1}{4}$ s	500 00
Oct. 1, 1941	Sewer	3 $\frac{1}{2}$ s	3,000 00
Oct. 1, 1941	Sewer separate system	4 $\frac{1}{4}$ s	2,500 00
Oct. 1, 1941	City of Cambridge, Charles River Bridge, Acts of 1921	4s	5,000 00
Oct. 1, 1941	Separate system of sewers	4s	1,000 00
Oct. 1, 1941	Building	4s	22,000 00
Oct. 1, 1941	Separate system of sewers	4s	1,000 00
Oct. 1, 1941	Sixth Street Bridge	4s	2,000 00
Oct. 1, 1941	Schoolhouse	4s	1,000 00
Oct. 1, 1941	Building	4 $\frac{1}{4}$ s	2,500 00
Oct. 1, 1941	Sewer separate system	4 $\frac{1}{4}$ s	500 00
Oct. 1, 1941	Street	4 $\frac{1}{4}$ s	10,000 00
Oct. 1, 1941	Building (Schoolhouse)	2s	26,000 00
Oct. 1, 1941	Schoolhouse	2s	11,000 00
Oct. 1, 1941	Building (Library)	2s	2,000 00
Oct. 1, 1941	Building (Garage)	2s	6,000 00
Oct. 1, 1941	Hospital	2s	9,000 00
Oct. 1, 1941	Building (Incinerator)	2s	8,000 00
Nov. 1, 1941	Charles River Bridge, Acts of 1921	4 $\frac{1}{2}$ s	18,000 00
Nov. 1, 1941	Sewer	2 $\frac{1}{2}$ s	3,000 00
Nov. 1, 1941	Municipal Relief	2s	20,000 00
Nov. 1, 1941	Street	1 $\frac{1}{4}$ s	40,000 00
Nov. 1, 1941	Street	$\frac{3}{4}$ s	40,000 00
Dec. 1, 1941	Sewer separate system	4s	500 00
Dec. 1, 1941	Sewer construction	4 $\frac{1}{2}$ s	500 00
Dec. 1, 1941	City of Cambridge, Charles River Bridge, Acts of 1921	3 $\frac{3}{4}$ s	5,000 00
Dec. 1, 1941	Building	3 $\frac{3}{4}$ s	7,000 00
Dec. 1, 1941	Third Street Bridge	3 $\frac{3}{4}$ s	2,500 00
Dec. 1, 1941	Schoolhouse	4 $\frac{1}{4}$ s	31,000 00
Dec. 1, 1941	Schoolhouse, Acts of 1928	4 $\frac{1}{2}$ s	20,000 00
Dec. 1, 1941	City Hospital, Acts of 1929	4 $\frac{1}{2}$ s	30,000 00
Dec. 1, 1941	Building	4 $\frac{1}{4}$ s	2,000 00
Dec. 1, 1941	Street	2 $\frac{1}{2}$ s	5,000 00
Dec. 1, 1941	Municipal Relief	1 $\frac{3}{4}$ s	15,000 00
Dec. 1, 1941	Street	2s	40,000 00
Dec. 1, 1941	T. B. Hospital	1 $\frac{3}{4}$ s	12,000 00
Dec. 1, 1941	Municipal Relief	1 $\frac{1}{4}$ s	7,000 00
Jan. 1, 1942	Sewer	4s	500 00
Jan. 1, 1942	Street	2 $\frac{1}{2}$ s	10,000 00
Feb. 1, 1942	School Loan Act of 1928	5s	44,000 00
Feb. 1, 1942	Building	3 $\frac{1}{4}$ s	14,000 00
Feb. 1, 1942	Building	3 $\frac{1}{2}$ s	12,000 00
Feb. 1, 1942	Sewer	2 $\frac{1}{2}$ s	7,000 00
Feb. 1, 1942	Additional Departmental Equipment	1s	10,000 00
Feb. 1, 1942	Sewer	2s	7,000 00
Mar. 1, 1942	Land for playground	4s	500 00
Mar. 1, 1942	Sewer separate system	4s	1,500 00
Mar. 1, 1942	Sewer separate system	4s	2,000 00
Mar. 1, 1942	Sewer separate system	3 $\frac{3}{4}$ s	3,000 00
Mar. 1, 1942	Sewer separate system	4 $\frac{1}{4}$ s	3,000 00
Mar. 1, 1942	School	4s	1,000 00
Mar. 1, 1942	Separate system of sewers	4s	3,000 00
Mar. 1, 1942	Sewer	2 $\frac{3}{4}$ s	3,000 00
Mar. 1, 1942	Sewer	2 $\frac{1}{2}$ s	4,000 00
<i>Amount brought forward</i>			\$2,643,500 00

<i>Amount brought forward</i>			\$2,643,500 00
April 1, 1942	Street.....	3s	\$20,000 00
April 1, 1942	Sewer.....	3 $\frac{1}{4}$ s	2,000 00
May 1, 1942	Sewer.....	3 $\frac{1}{2}$ s	500 00
May 1, 1942	Cambridge Bridge.....	4s	2,000 00
June 1, 1942	Hospital building.....	4s	2,000 00
June 1, 1942	Sewer construction.....	4s	500 00
June 1, 1942	Sewer separate system.....	4s	500 00
June 1, 1942	Sewer separate system.....	4 $\frac{1}{4}$ s	1,500 00
June 1, 1942	First Street Bridge.....	4 $\frac{1}{4}$ s	1,000 00
June 1, 1942	Street.....	1 $\frac{1}{2}$ s	40,000 00
June 1, 1942	Addition and Repair Bridges.....	1 $\frac{3}{4}$ s	4,000 00
July 1, 1942	Sewer.....	4s	500 00
July 1, 1942	Sewer separate system.....	4s	500 00
July 1, 1942	Sewer separate system.....	4s	1,000 00
July 1, 1942	Playground..	4s	500 00
July 1, 1942	Sewer.....	4 $\frac{1}{2}$ s	1,000 00
July 1, 1942	School.....	4s	33,000 00
July 1, 1942	Street.....	2 $\frac{1}{2}$ s	20,000 00
July 1, 1942	Street.....	1s	40,000 00
July 1, 1942	Street.....	$\frac{3}{4}$ s	40,000 00
July 15, 1942	Schoolhouse.....	4 $\frac{1}{4}$ s	4,000 00
July 15, 1942	Sewer construction.....	4s	1,000 00
July 15, 1942	Sewer separate system.....	4s	1,000 00
Aug. 1, 1942	Sewer.....	4 $\frac{1}{2}$ s	2,000 00
Aug. 1, 1942	Municipal Relief, Act of 1936..	1 $\frac{3}{4}$ s	25,000 00
Aug. 1, 1942	Sewer....	3 $\frac{3}{4}$ s	2,000 00
Aug. 1, 1942	Street..	1 $\frac{1}{2}$ s	40,000 00
Aug. 1, 1942	Municipal Relief.....	1 $\frac{1}{2}$ s	30,000 00
Aug. 1, 1942	Sewer.....	2 $\frac{1}{4}$ s	4,000 00
Aug. 1, 1942	Municipal Relief.....	1 $\frac{1}{2}$ s	47,000 00
Sept. 1, 1942	Park.....	3 $\frac{1}{4}$ s	1,000 00
Sept. 1, 1942	Park.....	4s	1,000 00
Sept. 1, 1942	Sewer separate system.....	4 $\frac{1}{2}$ s	3,000 00
Sept. 1, 1942	Street.....	1s	40,000 00
Sept. 1, 1942	Municipal Relief.....	1 $\frac{1}{2}$ s	10,000 00
Sept. 1, 1942	Street.....	1 $\frac{3}{4}$ s	40,000 00
Sept. 1, 1942	State Tax Funding.....	1 $\frac{3}{4}$ s	50,000 00
Oct. 1, 1942	Sewer construction.....	4 $\frac{1}{2}$ s	1,500 00
Oct. 1, 1942	Sewer.....	5s	1,000 00
Oct. 1, 1942	Sewer.....	5s	500 00
Oct. 1, 1942	Sewer.....	3 $\frac{1}{2}$ s	3,000 00
Oct. 1, 1942	Schoolhouse.....	4s	1,000 00
Oct. 1, 1942	Schoolhouse.....	4s	13,000 00
Oct. 1, 1942	Sewer construction.....	4 $\frac{1}{2}$ s	2,000 00
Oct. 1, 1942	Sewer separate system.....	4 $\frac{1}{2}$ s	1,500 00
Oct. 1, 1942	First Street Bridge.....	4s	4,000 00
Oct. 1, 1942	Sewer construction.....	4s	500 00
Oct. 1, 1942	Sewer separate system.....	4s	1,000 00
Oct. 1, 1942	Land for playground.....	4s	1,000 00
Oct. 1, 1942	Separate system of sewers.....	4s	2,500 00
Oct. 1, 1942	Land for playground.....	4 $\frac{1}{4}$ s	500 00
Oct. 1, 1942	Sewer separate system.....	4 $\frac{1}{4}$ s	2,500 00
Oct. 1, 1942	City of Cambridge, Charles River Bridge, Acts of 1921.....	4s	5,000 00
Oct. 1, 1942	Separate system of sewers.....	4s	1,000 00
Oct. 1, 1942	Building.....	4s	22,000 00
Oct. 1, 1942	Separate system of sewers.....	4s	1,000 00

Amount carried forward..... \$3,219,500 00

<i>Amount brought forward</i>			\$3,219,500 00
Oct. 1, 1942	Sixth Street Bridge	4s	\$2,000 00
Oct. 1, 1942	Building	4 $\frac{1}{4}$ s	2,500 00
Oct. 1, 1942	Sewer separate system	4 $\frac{1}{4}$ s	500 00
Oct. 1, 1942	Building (Schoolhouse)	2s	26,000 00
Oct. 1, 1942	Schoolhouse	2s	11,000 00
Oct. 1, 1942	Building (Library)	2s	2,000 00
Oct. 1, 1942	Building (Garage)	2s	6,000 00
Oct. 1, 1942	Hospital	2s	9,000 00
Oct. 1, 1942	Building (Incinerator)	2s	8,000 00
Nov. 1, 1942	Charles River Bridge, Acts of 1921	4 $\frac{1}{2}$ s	18,000 00
Nov. 1, 1942	Sewer	2 $\frac{1}{2}$ s	3,000 00
Nov. 1, 1942	Municipal Relief	2s	20,000 00
Nov. 1, 1942	Street	1 $\frac{1}{4}$ s	40,000 00
Nov. 1, 1942	Street	$\frac{3}{4}$ s	40,000 00
Dec. 1, 1942	Sewer separate system	4s	500 00
Dec. 1, 1942	Sewer construction	4 $\frac{1}{2}$ s	500 00
Dec. 1, 1942	City of Cambridge, Charles River Bridge, Acts of 1921	3 $\frac{3}{4}$ s	5,000 00
Dec. 1, 1942	Building	4 $\frac{3}{4}$ s	7,000 00
Dec. 1, 1942	Third Street Bridge	3 $\frac{3}{4}$ s	2,500 00
Dec. 1, 1942	Schoolhouse	4 $\frac{1}{4}$ s	31,000 00
Dec. 1, 1942	Building	4 $\frac{1}{4}$ s	2,000 00
Dec. 1, 1942	City Hospital, Acts of 1929	4 $\frac{1}{2}$ s	30,000 00
Dec. 1, 1942	Schoolhouse, Acts of 1928	4 $\frac{1}{2}$ s	20,000 00
Dec. 1, 1942	Municipal Relief	1 $\frac{1}{4}$ s	7,000 00
Dec. 1, 1942	Street	2 $\frac{1}{2}$ s	5,000 00
Dec. 1, 1942	Municipal Relief	1 $\frac{3}{4}$ s	15,000 00
Dec. 1, 1942	Street	2s	40,000 00
Dec. 1, 1942	T. B. Hospital	1 $\frac{3}{4}$ s	12,000 00
Jan. 1, 1943	Sewer	4s	500 00
Jan. 1, 1943	Street	2 $\frac{1}{2}$ s	10,000 00
Feb. 1, 1943	School Loan Act of 1928	5s	44,000 00
Feb. 1, 1943	Building	3 $\frac{1}{4}$ s	14,000 00
Feb. 1, 1943	Building	3 $\frac{1}{2}$ s	12,000 00
Feb. 1, 1943	Sewer	2 $\frac{1}{2}$ s	7,000 00
Feb. 1, 1943	Additional Departmental Equipment	1s	10,000 00
Feb. 1, 1943	Sewer	2s	7,000 00
Mar. 1, 1943	Land for playground	4s	500 00
Mar. 1, 1943	Sewer separate system	4s	1,500 00
Mar. 1, 1943	Sewer separate system	4s	2,000 00
Mar. 1, 1943	Sewer separate system	3 $\frac{3}{4}$ s	3,000 00
Mar. 1, 1943	Sewer separate system	4 $\frac{1}{4}$ s	3,000 00
Mar. 1, 1943	School	4s	1,000 00
Mar. 1, 1943	Separate system of sewers	4s	3,000 00
Mar. 1, 1943	Sewer	2 $\frac{3}{4}$ s	3,000 00
Mar. 1, 1943	Sewer	2 $\frac{1}{2}$ s	4,000 00
April 1, 1943	Street	3s	20,000 00
April 1, 1943	Sewer	3 $\frac{1}{4}$ s	2,000 00
May 1, 1943	Sewer	3 $\frac{1}{2}$ s	500 00
May 1, 1943	Cambridge Bridge	4s	2,000 00
June 1, 1943	Sewer construction	4s	500 00
June 1, 1943	Sewer separate system	4s	500 00
June 1, 1943	Sewer separate system	4 $\frac{1}{4}$ s	1,500 00
June 1, 1943	First Street Bridge	4 $\frac{1}{4}$ s	1,000 00
June 1, 1943	Addition and Repair Bridges	1 $\frac{3}{4}$ s	4,000 00
July 1, 1943	Sewer	4s	500 00
July 1, 1943	Sewer separate system	4s	500 00

Amount carried forward \$3,743,500 00

<i>Amount brought forward</i>			\$3,743,500 00
July 1, 1943	Sewer separate system.....	4s	\$1,000 00
July 1, 1943	Playground.....	4s	500 00
July 1, 1943	Sewer.....	4½s	1,000 00
July 1, 1943	School.....	4s	33,000 00
July 1, 1943	Street.....	2½s	20,000 00
July 1, 1943	Street.....	1s	40,000 00
July 1, 1943	Street.....	¾s	40,000 00
July 15, 1943	Schoolhouse.....	4¼s	4,000 00
July 15, 1943	Sewer construction.....	4s	1,000 00
July 15, 1943	Sewer separate system.....	4s	1,000 00
Aug. 1, 1943	Municipal Relief.....	1½s	47,000 00
Aug. 1, 1943	Sewer.....	4½s	2,000 00
Aug. 1, 1943	Sewer.....	3¾s	2,000 00
Aug. 1, 1943	Municipal Relief, Act of 1936.....	1¾s	25,000 00
Aug. 1, 1943	Municipal Relief.....	1½s	30,000 00
Aug. 1, 1943	Sewer.....	2¼s	4,000 00
Sept. 1, 1943	Park.....	4s	1,000 00
Sept. 1, 1943	Sewer separate system.....	4½s	3,000 00
Sept. 1, 1943	Street.....	1s	40,000 00
Sept. 1, 1943	Municipal Relief.....	1½s	10,000 00
Sept. 1, 1943	Street.....	1¾s	40,000 00
Sept. 1, 1943	State Tax Funding.....	1¾s	50,000 00
Oct. 1, 1943	Sewer construction.....	4½s	1,500 00
Oct. 1, 1943	Sewer.....	5s	1,000 00
Oct. 1, 1943	Sewer.....	5s	500 00
Oct. 1, 1943	Sewer construction.....	4½s	2,000 00
Oct. 1, 1943	Sewer separate system.....	4½s	1,500 00
Oct. 1, 1943	Sewer construction.....	4s	500 00
Oct. 1, 1943	Land for playground.....	4s	1,000 00
Oct. 1, 1943	Separate system of sewers.....	4s	2,500 00
Oct. 1, 1943	Land for playground.....	4¼s	500 00
Oct. 1, 1943	Sewer separate system.....	4¼s	2,500 00
Oct. 1, 1943	City of Cambridge, Charles River Bridge, Acts of 1921	4s	5,000 00
Oct. 1, 1943	Schoolhouse.....	4s	1,000 00
Oct. 1, 1943	Separate system of sewers.....	4s	1,000 00
Oct. 1, 1943	Building.....	4s	22,000 00
Oct. 1, 1943	Separate system of sewers.....	4s	1,000 00
Oct. 1, 1943	Separate system of sewers.....	4s	1,000 00
Oct. 1, 1943	Sixth Street Bridge.....	4s	2,000 00
Oct. 1, 1943	Building.....	4¼s	2,500 00
Oct. 1, 1943	Sewer separate system.....	4¼s	500 00
Oct. 1, 1943	Sewer.....	3½s	3,000 00
Oct. 1, 1943	Building (Schoolhouse).....	2s	26,000 00
Oct. 1, 1943	Schoolhouse.....	2s	11,000 00
Oct. 1, 1943	Building (Library).....	2s	2,000 00
Oct. 1, 1943	Building (Garage).....	2s	6,000 00
Oct. 1, 1943	Hospital.....	2s	9,000 00
Oct. 1, 1943	Building (Incinerator).....	2s	8,000 00
Nov. 1, 1943	Charles River Bridge, Acts of 1921	4½s	18,000 00
Nov. 1, 1943	Sewer.....	2½s	3,000 00
Nov. 1, 1943	Municipal Relief.....	2s	20,000 00
Nov. 1, 1943	Street.....	¾s	40,000 00
Dec. 1, 1943	Sewer separate system.....	4s	500 00
Dec. 1, 1943	Sewer construction.....	4½s	500 00
Dec. 1, 1943	City of Cambridge, Charles River Bridge, Acts of 1921	3¾s	5,000 00
<i>Amount carried forward</i>			\$4,340,500 00

<i>Amount brought forward</i>			\$4,340,500 00
Dec. 1, 1943	Building	3 $\frac{3}{4}$ s	\$6,000 00
Dec. 1, 1943	Third Street Bridge	3 $\frac{3}{4}$ s	2,500 00
Dec. 1, 1943	Schoolhouse	4 $\frac{1}{4}$ s	31,000 00
Dec. 1, 1943	Building	4 $\frac{1}{4}$ s	2,000 00
Dec. 1, 1943	City Hospital, Acts of 1929	4 $\frac{1}{2}$ s	30,000 00
Dec. 1, 1943	Schoolhouse, Acts of 1928	4 $\frac{1}{2}$ s	20,000 00
Dec. 1, 1943	Street	2 $\frac{1}{2}$ s	5,000 00
Dec. 1, 1943	Municipal Relief	1 $\frac{3}{4}$ s	15,000 00
Dec. 1, 1943	Street	2s	40,000 00
Dec. 1, 1943	T. B. Hospital	1 $\frac{3}{4}$ s	12,000 00
Dec. 1, 1943	Municipal Relief	1 $\frac{1}{4}$ s	7,000 00
Jan. 1, 1944	Sewer	4s	500 00
Jan. 1, 1944	Street	2 $\frac{1}{2}$ s	10,000 00
Feb. 1, 1944	School Loan Act of 1928	5s	44,000 00
Feb. 1, 1944	Building	3 $\frac{1}{4}$ s	13,000 00
Feb. 1, 1944	Building	3 $\frac{1}{2}$ s	11,000 00
Feb. 1, 1944	Sewer	2 $\frac{1}{2}$ s	7,000 00
Feb. 1, 1944	Additional Departmental Equipment	1s	10,000 00
Feb. 1, 1944	Sewer	2s	7,000 00
Mar. 1, 1944	Land for playground	4s	500 00
Mar. 1, 1944	Sewer separate system	4s	1,500 00
Mar. 1, 1944	Sewer separate system	4s	2,000 00
Mar. 1, 1944	Sewer separate system	3 $\frac{3}{4}$ s	3,000 00
Mar. 1, 1944	Sewer separate system	4 $\frac{1}{4}$ s	3,000 00
Mar. 1, 1944	School	4s	1,000 00
Mar. 1, 1944	Separate system of sewers	4s	3,000 00
Mar. 1, 1944	Sewer	2 $\frac{3}{4}$ s	3,000 00
Mar. 1, 1944	Sewer	2 $\frac{1}{2}$ s	4,000 00
April 1, 1944	Street	3s	20,000 00
April 1, 1944	Sewer	3 $\frac{1}{4}$ s	2,000 00
May 1, 1944	Sewer	3 $\frac{1}{2}$ s	500 00
May 1, 1944	Cambridge Bridge	4s	2,000 00
June 1, 1944	Sewer construction	4s	500 00
June 1, 1944	Sewer separate system	4s	500 00
June 1, 1944	Sewer separate system	4 $\frac{1}{4}$ s	1,500 00
June 1, 1944	Addition and Repair Bridges	1 $\frac{3}{4}$ s	4,000 00
July 1, 1944	Sewer	4s	500 00
July 1, 1944	Sewer separate system	4s	500 00
July 1, 1944	Sewer separate system	4s	1,000 00
July 1, 1944	Sewer	4 $\frac{1}{2}$ s	1,000 00
July 1, 1944	Playground	4s	500 00
July 1, 1944	School	4s	33,000 00
July 1, 1944	Street	2 $\frac{1}{2}$ s	20,000 00
July 1, 1944	Street	$\frac{3}{4}$ s	40,000 00
July 15, 1944	Sewer construction	4s	1,000 00
July 15, 1944	Sewer separate system	4s	1,000 00
Aug. 1, 1944	Sewer	3 $\frac{3}{4}$ s	2,000 00
Aug. 1, 1944	Sewer	4 $\frac{1}{2}$ s	2,000 00
Aug. 1, 1944	Municipal Relief, Act of 1936	1 $\frac{3}{4}$ s	25,000 00
Aug. 1, 1944	Municipal Relief	1 $\frac{1}{2}$ s	30,000 00
Aug. 1, 1944	Sewer	2 $\frac{1}{4}$ s	4,000 00
Aug. 1, 1944	Municipal Relief	1 $\frac{1}{2}$ s	47,000 00
Sept. 1, 1944	Park	4s	1,000 00
Sept. 1, 1944	Sewer separate system	4 $\frac{1}{2}$ s	3,000 00
Sept. 1, 1944	Municipal Relief	1 $\frac{1}{2}$ s	10,000 00
Sept. 1, 1944	Street	1 $\frac{3}{4}$ s	40,000 00
Sept. 1, 1944	State Tax Funding	1 $\frac{3}{4}$ s	50,000 00

Amount carried forward \$4,978,000 00

<i>Amount brought forward</i>			\$4,978,000 00
Oct. 1, 1944	Sewer construction.....	4½s	\$1,500 00
Oct. 1, 1944	Sewer.....	.5s	1,000 00
Oct. 1, 1944	Sewer.....	.5s	500 00
Oct. 1, 1944	Sewer construction.....	4½s	2,000 00
Oct. 1, 1944	Sewer separate system.....	4½s	1,500 00
Oct. 1, 1944	Sewer construction.....	.4s	500 00
Oct. 1, 1944	Sewer separate system.....	.4s	1,000 00
Oct. 1, 1944	Land for playground.....	.4s	1,000 00
Oct. 1, 1944	Separate system of sewers.....	.4s	2,500 00
Oct. 1, 1944	Land for playground.....	4¼s	500 00
Oct. 1, 1944	Sewer separate system.....	4¼s	2,500 00
Oct. 1, 1944	City of Cambridge, Charles River		
	Bridge, Acts of 1921.....	.4s	5,000 00
Oct. 1, 1944	Separate system of sewers.....	.4s	1,000 00
Oct. 1, 1944	Building.....	.4s	22,000 00
Oct. 1, 1944	Separate system of sewers.....	.4s	1,000 00
Oct. 1, 1944	Schoolhouse.....	.4s	1,000 00
Oct. 1, 1944	Sixth Street Bridge.....	.4s	2,000 00
Oct. 1, 1944	Building.....	4¼s	2,500 00
Oct. 1, 1944	Sewer separate system.....	4¼s	500 00
Oct. 1, 1944	Sewer.....	3½s	3,000 00
Oct. 1, 1944	Building (Schoolhouse).....	.2s	26,000 00
Oct. 1, 1944	Schoolhouse.....	.2s	11,000 00
Oct. 1, 1944	Building (Library).....	.2s	2,000 00
Oct. 1, 1944	Building (Garage).....	.2s	5,000 00
Oct. 1, 1944	Hospital.....	.2s	9,000 00
Oct. 1, 1944	Building (Incinerator).....	.2s	8,000 00
Nov. 1, 1944	Charles River Bridge, Acts of 1921.....	4½s	18,000 00
Nov. 1, 1944	Sewer.....	2½s	3,000 00
Nov. 1, 1944	Municipal Relief.....	.2s	20,000 00
Nov. 1, 1944	Street.....	¾s	40,000 00
Dec. 1, 1944	Sewer separate system.....	.4s	500 00
Dec. 1, 1944	Sewer construction.....	4½s	500 00
Dec. 1, 1944	City of Cambridge, Charles River		
	Bridge, Acts of 1921.....	3¾s	5,000 00
Dec. 1, 1944	Building.....	3¾s	6,000 00
Dec. 1, 1944	Third Street Bridge.....	3¾s	2,500 00
Dec. 1, 1944	Building.....	4¼s	2,000 00
Dec. 1, 1944	City Hospital, Acts of 1929.....	4½s	30,000 00
Dec. 1, 1944	Schoolhouse, Acts of 1928.....	4½s	20,000 00
Dec. 1, 1944	Street.....	2½s	5,000 00
Dec. 1, 1944	Municipal Relief.....	1¾s	15,000 00
Dec. 1, 1944	Municipal Relief.....	1¼s	7,000 00
Dec. 1, 1944	T. B. Hospital.....	1¾s	12,000 00
Jan. 1, 1945	Sewer.....	.4s	500 00
Jan. 1, 1945	Street.....	2½s	10,000 00
Feb. 1, 1945	School Loan Act of 1928.....	.5s	44,000 00
Feb. 1, 1945	Building.....	3¼s	13,000 00
Feb. 1, 1945	Building.....	3½s	11,000 00
Feb. 1, 1945	Sewer.....	2½s	7,000 00
Feb. 1, 1945	Sewer.....	.2s	7,000 00
Mar. 1, 1945	Land for playground.....	.4s	500 00
Mar. 1, 1945	Sewer separate system.....	.4s	1,500 00
Mar. 1, 1945	Sewer separate system.....	.4s	2,000 00
Mar. 1, 1945	Sewer separate system.....	3¾s	3,000 00
Mar. 1, 1945	Sewer separate system.....	4¼s	3,000 00
Mar. 1, 1945	School.....	.4s	1,000 00

Amount carried forward..... \$5,381,500 00

<i>Amount brought forward</i>			\$5,381,500 00
Mar. 1, 1945	Separate system of sewers.	4s	\$3,000 00
Mar. 1, 1945	Sewer	2 $\frac{3}{4}$ s	3,000 00
Mar. 1, 1945	Sewer	2 $\frac{1}{2}$ s	4,000 00
April 1, 1945	Sewer	3 $\frac{1}{4}$ s	2,000 00
May 1, 1945	Sewer	3 $\frac{1}{2}$ s	500 00
May 1, 1945	Cambridge Bridge	4s	2,000 00
June 1, 1945	Sewer separate system	4s	500 00
June 1, 1945	Sewer construction	4s	500 00
June 1, 1945	Sewer separate system	4s	1,500 00
June 1, 1945	Addition and Repair Bridges	1 $\frac{3}{4}$ s	4,000 00
July 1, 1945	Sewer	4s	500 00
July 1, 1945	Sewer separate system	4s	500 00
July 1, 1945	Sewer	4 $\frac{1}{2}$ s	1,000 00
July 1, 1945	Playground	4s	500 00
July 1, 1945	School	4s	33,000 00
July 15, 1945	Sewer construction	4s	1,000 00
July 15, 1945	Sewer separate system	4s	1,000 00
Aug. 1, 1945	Sewer	4 $\frac{1}{2}$ s	2,000 00
Aug. 1, 1945	Sewer	3 $\frac{3}{4}$ s	2,000 00
Aug. 1, 1945	Municipal Relief, Act of 1936	1 $\frac{3}{4}$ s	25,000 00
Aug. 1, 1945	Municipal Relief	1 $\frac{1}{2}$ s	30,000 00
Aug. 1, 1945	Sewer	2 $\frac{1}{4}$ s	4,000 00
Aug. 1, 1945	Municipal Relief	1 $\frac{1}{2}$ s	46,000 00
Sept. 1, 1945	Sewer separate system	4 $\frac{1}{2}$ s	3,000 00
Sept. 1, 1945	Municipal Relief	1 $\frac{1}{2}$ s	10,000 00
Oct. 1, 1945	Sewer construction	4 $\frac{1}{2}$ s	1,500 00
Oct. 1, 1945	Sewer	5s	1,000 00
Oct. 1, 1945	Sewer	5s	500 00
Oct. 1, 1945	Sewer construction	4 $\frac{1}{2}$ s	2,000 00
Oct. 1, 1945	Sewer separate system	4 $\frac{1}{2}$ s	1,500 00
Oct. 1, 1945	Sewer construction	4s	500 00
Oct. 1, 1945	Sewer separate system	4s	1,000 00
Oct. 1, 1945	Land for playground	4s	1,000 00
Oct. 1, 1945	Separate system of sewers	4s	2,500 00
Oct. 1, 1945	Land for playground	4 $\frac{1}{4}$ s	500 00
Oct. 1, 1945	Sewer separate system	4 $\frac{1}{4}$ s	2,500 00
Oct. 1, 1945	City of Cambridge, Charles River Bridge, Acts of 1921	4s	5,000 00
Oct. 1, 1945	Separate system of sewers	4s	1,000 00
Oct. 1, 1945	Building	4s	22,000 00
Oct. 1, 1945	Separate system of sewers	4s	1,000 00
Oct. 1, 1945	Building	4 $\frac{1}{4}$ s	2,500 00
Oct. 1, 1945	Sewer separate system	4 $\frac{1}{4}$ s	500 00
Oct. 1, 1945	Sewer	3 $\frac{1}{2}$ s	2,000 00
Oct. 1, 1945	Building (Schoolhouse)	2s	26,000 00
Oct. 1, 1945	Schoolhouse	2s	11,000 00
Oct. 1, 1945	Building (Library)	2s	2,000 00
Oct. 1, 1945	Building (Garage)	2s	5,000 00
Oct. 1, 1945	Hospital	2s	9,000 00
Oct. 1, 1945	Building (Incinerator)	2s	8,000 00
Nov. 1, 1945	Charles River Bridge, Acts of 1921	4 $\frac{1}{2}$ s	18,000 00
Nov. 1, 1945	Sewer	2 $\frac{1}{2}$ s	3,000 00
Nov. 1, 1945	Municipal Relief	2s	20,000 00
Dec. 1, 1945	Sewer construction	4 $\frac{1}{2}$ s	500 00
Dec. 1, 1945	City of Cambridge, Charles River Bridge, Acts of 1921	3 $\frac{3}{4}$ s	5,000 00
Dec. 1, 1945	Building	3 $\frac{3}{4}$ s	6,000 00
<i>Amount carried forward</i>			\$5,724,000 00

<i>Amount brought forward</i>			\$5,724,000 00
Dec. 1, 1945	Third Street Bridge.....	3 $\frac{3}{4}$ s	\$2,500 00
Dec. 1, 1945	Building.....	4 $\frac{1}{4}$ s	2,000 00
Dec. 1, 1945	Municipal Relief.....	1 $\frac{3}{4}$ s	15,000 00
Dec. 1, 1945	T. B. Hospital.....	1 $\frac{3}{4}$ s	12,000 00
Dec. 1, 1945	Municipal Relief.....	1 $\frac{1}{4}$ s	7,000 00
Jan. 1, 1946	Sewer.....	4s	500 00
Feb. 1, 1946	School Loan Act of 1928.....	5s	44,000 00
Feb. 1, 1946	Building.....	3 $\frac{1}{4}$ s	13,000 00
Feb. 1, 1946	Building.....	3 $\frac{1}{2}$ s	11,000 00
Feb. 1, 1946	Sewer.....	2 $\frac{1}{2}$ s	7,000 00
Feb. 1, 1946	Sewer.....	2s	7,000 00
Mar. 1, 1946	Land for playground.....	4s	500 00
Mar. 1, 1946	Sewer separate system.....	4s	1,500 00
Mar. 1, 1946	Sewer separate system.....	4s	2,000 00
Mar. 1, 1946	Sewer separate system.....	3 $\frac{3}{4}$ s	3,000 00
Mar. 1, 1946	Sewer separate system.....	4 $\frac{1}{4}$ s	3,000 00
Mar. 1, 1946	School.....	4s	1,000 00
Mar. 1, 1946	Separate system of sewers.....	4s	3,000 00
Mar. 1, 1946	Sewer.....	2 $\frac{3}{4}$ s	3,000 00
Mar. 1, 1946	Sewer.....	2 $\frac{1}{2}$ s	4,000 00
April 1, 1946	Sewer.....	3 $\frac{1}{4}$ s	2,000 00
May 1, 1946	Sewer.....	3 $\frac{1}{2}$ s	500 00
June 1, 1946	Sewer construction.....	4s	500 00
June 1, 1946	Sewer separate system.....	4s	500 00
June 1, 1946	Sewer separate system.....	4 $\frac{1}{4}$ s	1,500 00
June 1, 1946	Addition and Repair Bridges.....	1 $\frac{3}{4}$ s	4,000 00
July 1, 1946	Sewer.....	4 $\frac{1}{2}$ s	1,000 00
July 15, 1946	Sewer construction.....	4s	1,000 00
July 15, 1946	Sewer separate system.....	4s	1,000 00
Aug. 1, 1946	Sewer.....	4 $\frac{1}{2}$ s	2,000 00
Aug. 1, 1946	Sewer.....	3 $\frac{3}{4}$ s	2,000 00
Aug. 1, 1946	Municipal Relief, Act of 1936.....	1 $\frac{3}{4}$ s	25,000 00
Aug. 1, 1946	Municipal Relief.....	1 $\frac{1}{2}$ s	30,000 00
Aug. 1, 1946	Sewer.....	2 $\frac{1}{4}$ s	4,000 00
Aug. 1, 1946	Municipal Relief.....	1 $\frac{1}{2}$ s	46,000 00
Sept. 1, 1946	Sewer separate system.....	4 $\frac{1}{2}$ s	3,000 00
Sept. 1, 1946	Municipal Relief.....	1 $\frac{1}{2}$ s	10,000 00
Oct. 1, 1946	Sewer construction.....	4 $\frac{1}{2}$ s	1,500 00
Oct. 1, 1946	Sewer.....	5s	1,000 00
Oct. 1, 1946	Sewer.....	5s	500 00
Oct. 1, 1946	Sewer construction.....	4 $\frac{1}{2}$ s	2,000 00
Oct. 1, 1946	Sewer.....	3 $\frac{1}{2}$ s	2,000 00
Oct. 1, 1946	Sewer separate system.....	4 $\frac{1}{2}$ s	1,500 00
Oct. 1, 1946	Sewer construction.....	4s	500 00
Oct. 1, 1946	Sewer separate system.....	4s	1,000 00
Oct. 1, 1946	Land for playground.....	4s	1,000 00
Oct. 1, 1946	Separate system of sewers.....	4s	2,500 00
Oct. 1, 1946	Separate system of sewers.....	4s	1,000 00
Oct. 1, 1946	Land for playground.....	4 $\frac{1}{4}$ s	500 00
Oct. 1, 1946	Sewer separate system.....	4 $\frac{1}{4}$ s	2,500 00
Oct. 1, 1946	City of Cambridge, Charles River Bridge, Acts of 1921.....	4s	5,000 00
Oct. 1, 1946	Building.....	4s	22,000 00
Oct. 1, 1946	Separate system of sewers.....	4s	1,000 00
Oct. 1, 1946	Building.....	4 $\frac{1}{4}$ s	2,500 00
Oct. 1, 1946	Sewer separate system.....	4 $\frac{1}{4}$ s	500 00
Oct. 1, 1946	Building (Schoolhouse).....	2s	26,000 00

Amount carried forward..... \$6,074,500 00

<i>Amount brought forward</i>			\$6,074,500 00
Oct. 1, 1946	Schoolhouse.....	2s	\$11,000 00
Oct. 1, 1946	Building (Library).....	2s	2,000 00
Oct. 1, 1946	Building (Garage).....	2s	5,000 00
Oct. 1, 1946	Hospital.....	2s	9,000 00
Oct. 1, 1946	Building (Incinerator).....	2s	8,000 00
Nov. 1, 1946	Charles River Bridge, Acts of 1921.....	4 $\frac{1}{2}$ s	18,000 00
Nov. 1, 1946	Sewer.....	2 $\frac{1}{2}$ s	3,000 00
Nov. 1, 1946	Municipal Relief.....	2s	20,000 00
Dec. 1, 1946	Sewer construction.....	4 $\frac{1}{2}$ s	500 00
Dec. 1, 1946	City of Cambridge, Charles River Bridge, Acts of 1921.....	3 $\frac{3}{4}$ s	5,000 00
Dec. 1, 1946	Building.....	3 $\frac{3}{4}$ s	6,000 00
Dec. 1, 1946	Third Street Bridge.....	3 $\frac{3}{4}$ s	2,500 00
Dec. 1, 1946	Building.....	4 $\frac{1}{4}$ s	2,000 00
Dec. 1, 1946	Municipal Relief.....	1 $\frac{3}{4}$ s	15,000 00
Dec. 1, 1946	T. B. Hospital.....	1 $\frac{3}{4}$ s	12,000 00
Dec. 1, 1946	Municipal Relief.....	1 $\frac{1}{4}$ s	7,000 00
Feb. 1, 1947	School Loan Act of 1928.....	5s	44,000 00
Feb. 1, 1947	Building.....	3 $\frac{1}{4}$ s	13,000 00
Feb. 1, 1947	Building.....	3 $\frac{1}{2}$ s	11,000 00
Feb. 1, 1947	Sewer.....	2 $\frac{1}{2}$ s	7,000 00
Feb. 1, 1947	Sewer.....	2s	7,000 00
Mar. 1, 1947	Land for playground.....	4s	500 00
Mar. 1, 1947	Sewer separate system.....	4s	1,500 00
Mar. 1, 1947	Sewer separate system.....	4s	2,000 00
Mar. 1, 1947	Sewer separate system.....	3 $\frac{3}{4}$ s	3,000 00
Mar. 1, 1947	Sewer separate system.....	4 $\frac{1}{4}$ s	3,000 00
Mar. 1, 1947	Separate system of sewers.....	4s	3,000 00
Mar. 1, 1947	Sewer.....	2 $\frac{3}{4}$ s	3,000 00
Mar. 1, 1947	Sewer.....	2 $\frac{1}{2}$ s	3,000 00
April 1, 1947	Sewer.....	3 $\frac{1}{4}$ s	2,000 00
June 1, 1947	Sewer construction.....	4s	500 00
June 1, 1947	Sewer separate system.....	4s	500 00
June 1, 1947	Sewer separate system.....	4 $\frac{1}{4}$ s	1,500 00
June 1, 1947	Addition and Repair Bridges.....	1 $\frac{3}{4}$ s	4,000 00
July 1, 1947	Sewer.....	4 $\frac{1}{2}$ s	1,000 00
July 15, 1947	Sewer construction.....	4s	1,000 00
July 15, 1947	Sewer separate system.....	4s	1,000 00
Aug. 1, 1947	Sewer.....	4 $\frac{1}{2}$ s	2,000 00
Aug. 1, 1947	Sewer.....	3 $\frac{3}{4}$ s	2,000 00
Aug. 1, 1947	Municipal Relief.....	1 $\frac{1}{2}$ s	30,000 00
Aug. 1, 1947	Sewer.....	2 $\frac{1}{4}$ s	4,000 00
Aug. 1, 1947	Municipal Relief.....	1 $\frac{1}{2}$ s	46,000 00
Sept. 1, 1947	Sewer separate system.....	4 $\frac{1}{2}$ s	3,000 00
Sept. 1, 1947	Municipal Relief.....	1 $\frac{1}{2}$ s	10,000 00
Oct. 1, 1947	Sewer construction.....	4 $\frac{1}{2}$ s	1,500 00
Oct. 1, 1947	Sewer.....	5s	1,000 00
Oct. 1, 1947	Sewer.....	5s	500 00
Oct. 1, 1947	Sewer construction.....	4 $\frac{1}{2}$ s	2,000 00
Oct. 1, 1947	Sewer separate system.....	4 $\frac{1}{2}$ s	1,500 00
Oct. 1, 1947	Sewer construction.....	4s	500 00
Oct. 1, 1947	Sewer separate system.....	4s	1,000 00
Oct. 1, 1947	Land for playground.....	4s	1,000 00
Oct. 1, 1947	Separate system of sewers.....	4s	2,500 00
Oct. 1, 1947	Land for playground.....	4 $\frac{1}{2}$ s	500 00
Oct. 1, 1947	Sewer separate system.....	4 $\frac{1}{4}$ s	2,500 00
Oct. 1, 1947	Separate system of sewers.....	4s	1,000 00

Amount carried forward..... \$6,425,500 00

<i>Amount brought forward</i>			\$6,425,500 00
Oct. 1, 1947	Building	4s	\$22,000 00
Oct. 1, 1947	Separate system of sewers	4s	1,000 00
Oct. 1, 1947	Building	4 $\frac{1}{4}$ s	2,500 00
Oct. 1, 1947	Sewer separate system	4 $\frac{1}{4}$ s	500 00
Oct. 1, 1947	Sewer	3 $\frac{1}{2}$ s	2,000 00
Oct. 1, 1947	Building (Schoolhouse)	2s	26,000 00
Oct. 1, 1947	Schoolhouse	2s	11,000 00
Oct. 1, 1947	Building (Library)	2s	2,000 00
Oct. 1, 1947	Building (Garage)	2s	5,000 00
Oct. 1, 1947	Hospital	2s	9,000 00
Oct. 1, 1947	Building (Incinerator)	2s	8,000 00
Nov. 1, 1947	Charles River Bridge, Acts of 1921 ..	4 $\frac{1}{2}$ s	18,000 00
Nov. 1, 1947	Sewer	2 $\frac{1}{2}$ s	3,000 00
Nov. 1, 1947	Municipal Relief	2s	20,000 00
Dec. 1, 1947	Sewer construction	4 $\frac{1}{2}$ s	500 00
Dec. 1, 1947	City of Cambridge, Charles River Bridge, Acts of 1921	3 $\frac{3}{4}$ s	5,000 00
Dec. 1, 1947	Building	3 $\frac{3}{4}$ s	6,000 00
Dec. 1, 1947	Third Street Bridge	3 $\frac{3}{4}$ s	2,500 00
Dec. 1, 1947	Building	4 $\frac{1}{4}$ s	2,000 00
Dec. 1, 1947	Municipal Relief	1 $\frac{3}{4}$ s	15,000 00
Dec. 1, 1947	T. B. Hospital	1 $\frac{3}{4}$ s	12,000 00
Dec. 1, 1947	Municipal Relief	1 $\frac{1}{4}$ s	7,000 00
Feb. 1, 1948	Building	3 $\frac{1}{4}$ s	13,000 00
Feb. 1, 1948	Building	3 $\frac{1}{2}$ s	11,000 00
Feb. 1, 1948	Sewer	2 $\frac{1}{2}$ s	7,000 00
Feb. 1, 1948	Sewer	2s	7,000 00
Mar. 1, 1948	Sewer separate system	4s	1,500 00
Mar. 1, 1948	Sewer separate system	4s	2,000 00
Mar. 1, 1948	Sewer separate system	3 $\frac{3}{4}$ s	3,000 00
Mar. 1, 1948	Sewer separate system	4 $\frac{1}{4}$ s	3,000 00
Mar. 1, 1948	Separate system of sewers	4s	3,000 00
Mar. 1, 1948	Sewer	2 $\frac{3}{4}$ s	3,000 00
Mar. 1, 1948	Sewer	2 $\frac{1}{2}$ s	3,000 00
April 1, 1948	Sewer	3 $\frac{1}{4}$ s	2,000 00
June 1, 1948	Sewer construction	4s	500 00
June 1, 1948	Sewer separate system	4s	500 00
June 1, 1948	Sewer separate system	4 $\frac{1}{4}$ s	1,500 00
June 1, 1948	Addition and Repair Bridges	1 $\frac{3}{4}$ s	4,000 00
July 15, 1948	Sewer construction	4s	1,000 00
July 15, 1948	Sewer separate system	4s	1,000 00
Aug. 1, 1948	Sewer	4 $\frac{1}{2}$ s	2,000 00
Aug. 1, 1948	Sewer	3 $\frac{3}{4}$ s	2,000 00
Aug. 1, 1948	Municipal Relief	1 $\frac{1}{2}$ s	30,000 00
Aug. 1, 1948	Sewer	2 $\frac{1}{4}$ s	4,000 00
Aug. 1, 1948	Municipal Relief	1 $\frac{1}{2}$ s	46,000 00
Sept. 1, 1948	Sewer separate system	4 $\frac{1}{2}$ s	3,000 00
Sept. 1, 1948	Municipal Relief	1 $\frac{1}{2}$ s	10,000 00
Oct. 1, 1948	Sewer construction	4 $\frac{1}{2}$ s	1,500 00
Oct. 1, 1948	Sewer	5s	1,000 00
Oct. 1, 1948	Sewer	5s	500 00
Oct. 1, 1948	Sewer construction	4 $\frac{1}{2}$ s	2,000 00
Oct. 1, 1948	Sewer separate system	4 $\frac{1}{2}$ s	1,500 00
Oct. 1, 1948	Sewer construction	4s	500 00
Oct. 1, 1948	Sewer separate system	4s	1,000 00
Oct. 1, 1948	Land for playground	4s	1,000 00
Oct. 1, 1948	Separate system of sewers	4s	2,500 00

Amount carried forward \$6,781,000 00

<i>Amount brought forward</i>			\$6,781,000 00
Oct. 1, 1948	Land for playground.....	4 $\frac{1}{4}$ s	\$500 00
Oct. 1, 1948	Sewer separate system.....	4 $\frac{1}{4}$ s	2,500 00
Oct. 1, 1948	Separate system of sewers.....	4s	1,000 00
Oct. 1, 1948	Separate system of sewers.....	4s	1,000 00
Oct. 1, 1948	Building.....	4 $\frac{1}{4}$ s	2,500 00
Oct. 1, 1948	Sewer separate system.....	4 $\frac{1}{4}$ s	500 00
Oct. 1, 1948	Sewer.....	3 $\frac{1}{2}$ s	2,000 00
Oct. 1, 1948	Building (Schoolhouse).....	2s	26,000 00
Oct. 1, 1948	Schoolhouse.....	2s	11,000 00
Oct. 1, 1948	Building (Library).....	2s	2,000 00
Oct. 1, 1948	Building (Garage).....	2s	5,000 00
Oct. 1, 1948	Hospital.....	2s	9,000 00
Oct. 1, 1948	Building (Incinerator).....	2s	8,000 00
Nov. 1, 1948	Charles River Bridge, Acts of 1921..	4 $\frac{1}{2}$ s	18,000 00
Nov. 1, 1948	Sewer.....	2 $\frac{1}{2}$ s	3,000 00
Dec. 1, 1948	Sewer construction.....	4 $\frac{1}{2}$ s	500 00
Dec. 1, 1948	Building.....	4 $\frac{1}{4}$ s	2,000 00
Dec. 1, 1948	Municipal Relief	1 $\frac{3}{4}$ s	15,000 00
Dec. 1, 1948	T. B. Hospital.....	1 $\frac{3}{4}$ s	12,000 00
Dec. 1, 1948	Municipal Relief.....	1 $\frac{1}{4}$ s	7,000 00
Feb. 1, 1949	Building	3 $\frac{1}{4}$ s	13,000 00
Feb. 1, 1949	Building	3 $\frac{1}{2}$ s	11,000 00
Feb. 1, 1949	Sewer.....	2 $\frac{1}{2}$ s	7,000 00
Feb. 1, 1949	Sewer.....	2s	7,000 00
Mar. 1, 1949	Sewer separate system.....	4s	1,500 00
Mar. 1, 1949	Sewer separate system.....	4s	2,000 00
Mar. 1, 1949	Sewer separate system.....	3 $\frac{3}{4}$ s	3,000 00
Mar. 1, 1949	Sewer separate system.....	4 $\frac{1}{4}$ s	3,000 00
Mar. 1, 1949	Separate system of sewers	4s	3,000 00
Mar. 1, 1949	Sewer.....	2 $\frac{3}{4}$ s	3,000 00
Mar. 1, 1949	Sewer.....	2 $\frac{1}{2}$ s	3,000 00
April 1, 1949	Sewer.....	3 $\frac{1}{4}$ s	2,000 00
June 1, 1949	Sewer construction.....	4s	500 00
June 1, 1949	Sewer separate system.....	4s	500 00
June 1, 1949	Sewer separate system.....	4 $\frac{1}{4}$ s	1,500 00
June 1, 1949	Addition and Repair Bridges.....	1 $\frac{3}{4}$ s	4,000 00
July 15, 1949	Sewer construction.....	4s	1,000 00
July 15, 1949	Sewer separate system.....	4s	1,000 00
Aug. 1, 1949	Sewer.....	4 $\frac{1}{2}$ s	2,000 00
Aug. 1, 1949	Sewer	3 $\frac{3}{4}$ s	2,000 00
Aug. 1, 1949	Sewer.....	2 $\frac{1}{4}$ s	3,000 00
Aug. 1, 1949	Municipal Relief.....	1 $\frac{1}{2}$ s	46,000 00
Sept. 1, 1949	Sewer separate system.....	4 $\frac{1}{2}$ s	3,000 00
Oct. 1, 1949	Sewer construction.....	4 $\frac{1}{2}$ s	1,500 00
Oct. 1, 1949	Sewer.....	5s	1,000 00
Oct. 1, 1949	Sewer.....	5s	500 00
Oct. 1, 1949	Sewer construction.....	4 $\frac{1}{2}$ s	2,000 00
Oct. 1, 1949	Sewer separate system.....	4 $\frac{1}{2}$ s	1,500 00
Oct. 1, 1949	Sewer construction.....	4s	500 00
Oct. 1, 1949	Sewer separate system.....	4s	1,000 00
Oct. 1, 1949	Separate system of sewers.....	4s	2,500 00
Oct. 1, 1949	Land for playground.....	4 $\frac{1}{4}$ s	500 00
Oct. 1, 1949	Sewer separate system.....	4 $\frac{1}{4}$ s	2,500 00
Oct. 1, 1949	Separate system of sewers	4s	1,000 00
Oct. 1, 1949	Separate system of sewers.....	4s	1,000 00
Oct. 1, 1949	Land for playground.....	4s	1,000 00
Oct. 1, 1949	Sewer separate system.....	4 $\frac{1}{4}$ s	500 00

Amount carried forward \$7,049,500 00

<i>Amount brought forward</i>		\$7,049,500 00
Oct. 1, 1949	Sewer..... $3\frac{1}{2}s$	\$2,000 00
Oct. 1, 1949	Building (Schoolhouse).....2s	25,000 00
Oct. 1, 1949	Schoolhouse.....2s	11,000 00
Oct. 1, 1949	Building (Library).....2s	1,000 00
Oct. 1, 1949	Building (Garage).....2s	5,000 00
Oct. 1, 1949	Hospital.....2s	9,000 00
Oct. 1, 1949	Building (Incinerator).....2s	7,000 00
Nov. 1, 1949	Charles River Bridge, Acts of 1921.. $4\frac{1}{2}s$	18,000 00
Nov. 1, 1949	Sewer..... $2\frac{1}{2}s$	3,000 00
Dec. 1, 1949	T. B. Hospital..... $1\frac{3}{4}s$	12,000 00
Dec. 1, 1949	Municipal Relief..... $1\frac{1}{4}s$	7,000 00
Feb. 1, 1950	Building..... $3\frac{1}{4}s$	13,000 00
Feb. 1, 1950	Building..... $3\frac{1}{2}s$	11,000 00
Feb. 1, 1950	Sewer..... $2\frac{1}{2}s$	7,000 00
Feb. 1, 1950	Sewer.....2s	7,000 00
Mar. 1, 1950	Sewer separate system.....4s	1,500 00
Mar. 1, 1950	Sewer separate system.....4s	2,000 00
Mar. 1, 1950	Sewer separate system..... $3\frac{3}{4}s$	3,000 00
Mar. 1, 1950	Sewer separate system..... $4\frac{1}{4}s$	3,000 00
Mar. 1, 1950	Separate system of sewers.....4s	3,000 00
Mar. 1, 1950	Sewer..... $2\frac{3}{4}s$	3,000 00
Mar. 1, 1950	Sewer..... $2\frac{1}{2}s$	3,000 00
April 1, 1950	Sewer..... $3\frac{1}{4}s$	2,000 00
June 1, 1950	Sewer construction.....4s	500 00
June 1, 1950	Sewer separate system.....4s	500 00
June 1, 1950	Sewer separate system..... $4\frac{1}{4}s$	1,500 00
June 1, 1950	Addition and Repair Bridges..... $1\frac{3}{4}s$	4,000 00
July 15, 1950	Sewer construction.....4s	1,000 00
July 15, 1950	Sewer separate system.....4s	1,000 00
Aug. 1, 1950	Sewer..... $4\frac{1}{2}s$	2,000 00
Aug. 1, 1950	Sewer..... $3\frac{3}{4}s$	2,000 00
Aug. 1, 1950	Sewer..... $2\frac{1}{4}s$	3,000 00
Sept. 1, 1950	Sewer separate system..... $4\frac{1}{2}s$	3,000 00
Oct. 1, 1950	Sewer.....5s	1,000 00
Oct. 1, 1950	Sewer.....5s	500 00
Oct. 1, 1950	Sewer construction..... $4\frac{1}{2}s$	2,000 00
Oct. 1, 1950	Sewer separate system..... $4\frac{1}{2}s$	1,500 00
Oct. 1, 1950	Sewer construction.....4s	500 00
Oct. 1, 1950	Sewer separate system.....4s	1,000 00
Oct. 1, 1950	Sewer separate system.....4s	2,500 00
Oct. 1, 1950	Land for playground..... $4\frac{1}{4}s$	500 00
Oct. 1, 1950	Sewer separate system..... $4\frac{1}{4}s$	2,500 00
Oct. 1, 1950	Separate system of sewers.....4s	1,000 00
Oct. 1, 1950	Separate system of sewers.....4s	1,000 00
Oct. 1, 1950	Sewer separate system..... $4\frac{1}{4}s$	500 00
Oct. 1, 1950	Sewer..... $3\frac{1}{2}s$	2,000 00
Oct. 1, 1950	Building (Schoolhouse).....2s	25,000 00
Oct. 1, 1950	Schoolhouse.....2s	11,000 00
Oct. 1, 1950	Building (Library).....2s	1,000 00
Oct. 1, 1950	Building (Garage).....2s	5,000 00
Oct. 1, 1950	Hospital.....2s	9,000 00
Oct. 1, 1950	Building (Incinerator).....2s	7,000 00
Nov. 1, 1950	Sewer..... $2\frac{1}{2}s$	3,000 00
Dec. 1, 1950	T. B. Hospital..... $1\frac{3}{4}s$	12,000 00
Feb. 1, 1951	Building..... $3\frac{1}{4}s$	13,000 00
Feb. 1, 1951	Building..... $3\frac{1}{2}s$	11,000 00
Feb. 1, 1951	Sewer..... $2\frac{1}{2}s$	7,000 00

Amount carried forward \$7,347,000 00

<i>Amount brought forward</i>			\$7,347,000 00
Feb. 1, 1951	Sewer	2s	\$7,000 00
Mar. 1, 1951	Sewer separate system	4s	1,500 00
Mar. 1, 1951	Sewer separate system	4s	2,000 00
Mar. 1, 1951	Sewer separate system	3 $\frac{3}{4}$ s	3,000 00
Mar. 1, 1951	Sewer separate system	4 $\frac{1}{4}$ s	3,000 00
Mar. 1, 1951	Sewer separate system	4 $\frac{1}{4}$ s	3,000 00
Mar. 1, 1951	Sewer	2 $\frac{1}{2}$ s	3,000 00
Mar. 1, 1951	Sewer	2 $\frac{3}{4}$ s	2,000 00
April 1, 1951	Sewer	3 $\frac{1}{4}$ s	2,000 00
June 1, 1951	Sewer construction	4s	500 00
June 1, 1951	Sewer separate system	4s	500 00
June 1, 1951	Sewer separate system	4 $\frac{1}{4}$ s	1,500 00
June 1, 1951	Addition and Repair Bridges	1 $\frac{3}{4}$ s	3,000 00
July 15, 1951	Sewer construction	4s	1,000 00
July 15, 1951	Sewer separate system	4s	1,000 00
Aug. 1, 1951	Sewer	4 $\frac{1}{2}$ s	2,000 00
Aug. 1, 1951	Sewer	3 $\frac{3}{4}$ s	2,000 00
Aug. 1, 1951	Sewer	2 $\frac{1}{4}$ s	3,000 00
Sept. 1, 1951	Sewer separate system	4 $\frac{1}{2}$ s	3,000 00
Oct. 1, 1951	Sewer construction	4 $\frac{1}{2}$ s	2,000 00
Oct. 1, 1951	Sewer separate system	4 $\frac{1}{2}$ s	1,500 00
Oct. 1, 1951	Sewer construction	4s	500 00
Oct. 1, 1951	Sewer separate system	4s	1,000 00
Oct. 1, 1951	Sewer separate system	4s	2,500 00
Oct. 1, 1951	Sewer separate system	4 $\frac{1}{4}$ s	2,500 00
Oct. 1, 1951	Separate system of sewers	4s	1,000 00
Oct. 1, 1951	Separate system of sewers	4s	1,000 00
Oct. 1, 1951	Sewer separate system	4 $\frac{1}{4}$ s	500 00
Oct. 1, 1951	Sewer	3 $\frac{1}{2}$ s	2,000 00
Oct. 1, 1951	Building (Schoolhouse)	2s	25,000 00
Oct. 1, 1951	Schoolhouse	2s	11,000 00
Oct. 1, 1951	Building (Library)	2s	1,000 00
Oct. 1, 1951	Building (Garage)	2s	5,000 00
Oct. 1, 1951	Hospital	2s	9,000 00
Oct. 1, 1951	Building (Incinerator)	2s	7,000 00
Nov. 1, 1951	Sewer	2 $\frac{1}{2}$ s	2,000 00
Dec. 1, 1951	T. B. Hospital	1 $\frac{3}{4}$ s	12,000 00
Feb. 1, 1952	Building	3 $\frac{1}{4}$ s	13,000 00
Feb. 1, 1952	Building	3 $\frac{1}{2}$ s	11,000 00
Feb. 1, 1952	Sewer	2 $\frac{1}{2}$ s	7,000 00
Feb. 1, 1952	Sewer	2s	7,000 00
Mar. 1, 1952	Sewer separate system	4s	1,500 00
Mar. 1, 1952	Sewer separate system	4s	2,000 00
Mar. 1, 1952	Sewer separate system	3 $\frac{3}{4}$ s	3,000 00
Mar. 1, 1952	Sewer separate system	4 $\frac{1}{4}$ s	3,000 00
Mar. 1, 1952	Sewer separate system	4s	3,000 00
Mar. 1, 1952	Sewer	2 $\frac{3}{4}$ s	2,000 00
Mar. 1, 1952	Sewer	2 $\frac{1}{2}$ s	3,000 00
April 1, 1952	Sewer	3 $\frac{1}{4}$ s	2,000 00
June 1, 1952	Sewer construction	4s	500 00
June 1, 1952	Sewer separate system	4 $\frac{1}{4}$ s	1,500 00
June 1, 1952	Sewer separate system	4s	500 00
June 1, 1952	Addition and Repair Bridges	1 $\frac{3}{4}$ s	3,000 00
July 15, 1952	Sewer construction	4s	1,000 00
July 15, 1952	Sewer separate system	4s	1,000 00
Aug. 1, 1952	Sewer	4 $\frac{1}{2}$ s	2,000 00
Aug. 1, 1952	Sewer	3 $\frac{3}{4}$ s	2,000 00

Amount carried forward \$7,546,500 00

<i>Amount brought forward</i>			\$7,546,500 00
Aug. 1, 1952	Sewer.....	2 $\frac{1}{4}$ s	\$3,000 00
Sept. 1, 1952	Sewer separate system.....	4 $\frac{1}{2}$ s	3,000 00
Oct. 1, 1952	Sewer construction.....	4s	500 00
Oct. 1, 1952	Sewer separate system.....	4s	1,000 00
Oct. 1, 1952	Sewer separate system.....	4s	2,500 00
Oct. 1, 1952	Sewer separate system.....	4 $\frac{1}{4}$ s	2,500 00
Oct. 1, 1952	Separate system of sewers.....	4s	1,000 00
Oct. 1, 1952	Separate system of sewers.....	4s	1,000 00
Oct. 1, 1952	Sewer separate system.....	4 $\frac{1}{4}$ s	500 00
Oct. 1, 1952	Sewer.....	3 $\frac{1}{2}$ s	2,000 00
Oct. 1, 1952	Building (Schoolhouse).....	2s	25,000 00
Oct. 1, 1952	Schoolhouse.....	2s	10,000 00
Oct. 1, 1952	Building (Library).....	2s	1,000 00
Oct. 1, 1952	Building (Garage).....	2s	5,000 00
Oct. 1, 1952	Hospital.....	2s	9,000 00
Oct. 1, 1952	Building (Incinerator).....	2s	7,000 00
Nov. 1, 1952	Sewer.....	2 $\frac{1}{2}$ s	2,000 00
Dec. 1, 1952	T. B. Hospital.....	1 $\frac{3}{4}$ s	12,000 00
Feb. 1, 1953	Building.....	3 $\frac{1}{4}$ s	13,000 00
Feb. 1, 1953	Building.....	3 $\frac{1}{2}$ s	11,000 00
Feb. 1, 1953	Sewer.....	2 $\frac{1}{2}$ s	7,000 00
Feb. 1, 1953	Sewer.....	2s	7,000 00
Mar. 1, 1953	Sewer separate system.....	4s	1,500 00
Mar. 1, 1953	Sewer separate system.....	4s	2,000 00
Mar. 1, 1953	Sewer separate system.....	3 $\frac{3}{4}$ s	3,000 00
Mar. 1, 1953	Sewer separate system.....	4 $\frac{1}{4}$ s	3,000 00
Mar. 1, 1953	Separate system of sewers.....	4s	3,000 00
Mar. 1, 1953	Sewer.....	2 $\frac{3}{4}$ s	2,000 00
Mar. 1, 1953	Sewer.....	2 $\frac{1}{2}$ s	3,000 00
April 1, 1953	Sewer.....	3 $\frac{1}{4}$ s	2,000 00
June 1, 1953	Sewer separate system.....	4 $\frac{1}{4}$ s	1,500 00
June 1, 1953	Addition and Repair Bridges.....	1 $\frac{3}{4}$ s	3,000 00
July 15, 1953	Sewer construction.....	4s	1,000 00
July 15, 1953	Sewer separate system.....	4s	1,000 00
Aug. 1, 1953	Sewer.....	4 $\frac{1}{2}$ s	1,000 00
Aug. 1, 1953	Sewer.....	3 $\frac{3}{4}$ s	2,000 00
Aug. 1, 1953	Sewer.....	2 $\frac{1}{4}$ s	3,000 00
Sept. 1, 1953	Sewer separate system.....	4 $\frac{1}{2}$ s	3,000 00
Oct. 1, 1953	Sewer separate system.....	4s	2,500 00
Oct. 1, 1953	Sewer separate system.....	4 $\frac{1}{4}$ s	2,500 00
Oct. 1, 1953	Separate system of sewers.....	4s	1,000 00
Oct. 1, 1953	Sewer separate system.....	4 $\frac{1}{4}$ s	500 00
Oct. 1, 1953	Sewer.....	3 $\frac{1}{2}$ s	2,000 00
Oct. 1, 1953	Building (Schoolhouse).....	2s	25,000 00
Oct. 1, 1953	Schoolhouse.....	2s	10,000 00
Oct. 1, 1953	Building (Library).....	2s	1,000 00
Oct. 1, 1953	Building (Garage).....	2s	5,000 00
Oct. 1, 1953	Hospital.....	2s	9,000 00
Oct. 1, 1953	Building (Incinerator).....	2s	7,000 00
Nov. 1, 1953	Sewer.....	2 $\frac{1}{2}$ s	2,000 00
Dec. 1, 1953	T. B. Hospital.....	1 $\frac{3}{4}$ s	12,000 00
Feb. 1, 1954	Sewer.....	2 $\frac{1}{2}$ s	7,000 00
Feb. 1, 1954	Sewer.....	2s	7,000 00
Mar. 1, 1954	Sewer separate system.....	4s	1,500 00
Mar. 1, 1954	Sewer separate system.....	4s	2,000 00
Mar. 1, 1954	Sewer separate system.....	4 $\frac{1}{4}$ s	3,000 00
Mar. 1, 1954	Sewer separate system.....	4s	3,000 00

Amount carried forward..... \$7,810,500 00

<i>Amount brought forward</i>			\$7,810,500 00
Mar. 1, 1954	Sewer	2 $\frac{3}{4}$ s	\$2,000 00
Mar. 1, 1954	Sewer	2 $\frac{1}{2}$ s	3,000 00
April 1, 1954	Sewer	3 $\frac{1}{4}$ s	2,000 00
June 1, 1954	Addition and Repair Bridges	1 $\frac{3}{4}$ s	3,000 00
Aug. 1, 1954	Sewer	4 $\frac{1}{2}$ s	1,000 00
Aug. 1, 1954	Sewer	3 $\frac{3}{4}$ s	1,000 00
Aug. 1, 1954	Sewer	2 $\frac{1}{4}$ s	3,000 00
Sept. 1, 1954	Sewer separate system	4 $\frac{1}{2}$ s	3,000 00
Oct. 1, 1954	Sewer	3 $\frac{1}{2}$ s	2,000 00
Oct. 1, 1954	Sewer separate system	4s	2,500 00
Oct. 1, 1954	Sewer separate system	4 $\frac{1}{4}$ s	2,500 00
Oct. 1, 1954	Separate system of sewers	4s	1,000 00
Oct. 1, 1954	Sewer separate system	4 $\frac{1}{4}$ s	500 00
Oct. 1, 1954	Building (Schoolhouse)	2s	25,000 00
Oct. 1, 1954	Schoolhouse	2s	10,000 00
Oct. 1, 1954	Building (Library)	2s	1,000 00
Oct. 1, 1954	Building (Garage)	2s	5,000 00
Oct. 1, 1954	Hospital	2s	9,000 00
Oct. 1, 1954	Building (Incinerator)	2s	7,000 00
Nov. 1, 1954	Sewer	2 $\frac{1}{2}$ s	2,000 00
Dec. 1, 1954	T. B. Hospital	1 $\frac{3}{4}$ s	12,000 00
Feb. 1, 1955	Sewer	2 $\frac{1}{2}$ s	7,000 00
Feb. 1, 1955	Sewer	2s	7,000 00
Mar. 1, 1955	Sewer separate system	4s	1,500 00
Mar. 1, 1955	Sewer separate system	4s	2,000 00
Mar. 1, 1955	Sewer separate system	4 $\frac{1}{2}$ s	3,000 00
Mar. 1, 1955	Sewer separate system	4s	3,000 00
Mar. 1, 1955	Sewer	2 $\frac{3}{4}$ s	2,000 00
Mar. 1, 1955	Sewer	2 $\frac{1}{2}$ s	3,000 00
April 1, 1955	Sewer	3 $\frac{1}{4}$ s	1,000 00
June 1, 1955	Addition and Repair Bridges	1 $\frac{3}{4}$ s	3,000 00
Aug. 1, 1955	Sewer	4 $\frac{1}{2}$ s	1,000 00
Aug. 1, 1955	Sewer	3 $\frac{3}{4}$ s	1,000 00
Aug. 1, 1955	Sewer	2 $\frac{1}{4}$ s	3,000 00
Sept. 1, 1955	Sewer separate system	4 $\frac{1}{2}$ s	3,000 00
Oct. 1, 1955	Sewer separate system	4 $\frac{1}{4}$ s	2,500 00
Oct. 1, 1955	Separate system of sewers	4s	1,000 00
Oct. 1, 1955	Sewer separate system	4 $\frac{1}{4}$ s	500 00
Oct. 1, 1955	Sewer	3 $\frac{1}{2}$ s	2,000 00
Oct. 1, 1955	Building (Schoolhouse)	2s	25,000 00
Oct. 1, 1955	Schoolhouse	2s	10,000 00
Oct. 1, 1955	Building (Library)	2s	1,000 00
Oct. 1, 1955	Building (Garage)	2s	5,000 00
Oct. 1, 1955	Hospital	2s	9,000 00
Oct. 1, 1955	Building (Incinerator)	2s	7,000 00
Nov. 1, 1955	Sewer	2 $\frac{1}{2}$ s	2,000 00
Dec. 1, 1955	T. B. Hospital	1 $\frac{3}{4}$ s	12,000 00
Feb. 1, 1956	Sewer	2 $\frac{1}{2}$ s	7,000 00
Feb. 1, 1956	Sewer	2s	7,000 00
Mar. 1, 1956	Sewer separate system	4s	1,500 00
Mar. 1, 1956	Sewer separate system	4s	2,000 00
Mar. 1, 1956	Sewer separate system	4 $\frac{1}{4}$ s	3,000 00
Mar. 1, 1956	Sewer separate system	4s	3,000 00
Mar. 1, 1956	Sewer	2 $\frac{3}{4}$ s	2,000 00
Mar. 1, 1956	Sewer	2 $\frac{1}{2}$ s	3,000 00
April 1, 1956	Sewer	3 $\frac{1}{4}$ s	1,000 00
June 1, 1956	Addition and Repair Bridges	1 $\frac{3}{4}$ s	3,000 00

Amount carried forward \$8,058,000 00

<i>Amount brought forward</i>			\$8,058,000 00
Aug. 1, 1956	Sewer	4 $\frac{1}{2}$ s	\$1,000 00
Aug. 1, 1956	Sewer	3 $\frac{3}{4}$ s	1,000 00
Aug. 1, 1956	Sewer	2 $\frac{1}{4}$ s	3,000 00
Sept. 1, 1956	Sewer separate system	4 $\frac{1}{2}$ s	3,000 00
Oct. 1, 1956	Separate system of sewers	4s	1,000 00
Oct. 1, 1956	Sewer separate system	4 $\frac{1}{4}$ s	500 00
Oct. 1, 1956	Sewer	3 $\frac{1}{2}$ s	2,000 00
Oct. 1, 1956	Building (Schoolhouse)	2s	25,000 00
Oct. 1, 1956	Schoolhouse	2s	10,000 00
Oct. 1, 1956	Building (Library)	2s	1,000 00
Oct. 1, 1956	Building (Garage)	2s	5,000 00
Oct. 1, 1956	Hospital	2s	9,000 00
Oct. 1, 1956	Building (Incinerator)	2s	7,000 00
Nov. 1, 1956	Sewer	2 $\frac{1}{2}$ s	2,000 00
Dec. 1, 1956	T. B. Hospital	1 $\frac{3}{4}$ s	12,000 00
Feb. 1, 1957	Sewer	2 $\frac{1}{2}$ s	7,000 00
Feb. 1, 1957	Sewer	2s	7,000 00
Mar. 1, 1957	Sewer separate system	4s	2,000 00
Mar. 1, 1957	Sewer separate system	4 $\frac{1}{4}$ s	3,000 00
Mar. 1, 1957	Sewer separate system	4s	3,000 00
Mar. 1, 1957	Sewer	2 $\frac{3}{4}$ s	2,000 00
Mar. 1, 1957	Sewer	2 $\frac{1}{2}$ s	3,000 00
April 1, 1957	Sewer	3 $\frac{1}{4}$ s	1,000 00
June 1, 1957	Addition and Repair Bridges	1 $\frac{3}{4}$ s	3,000 00
Aug. 1, 1957	Sewer	3 $\frac{3}{4}$ s	1,000 00
Aug. 1, 1957	Sewer	4 $\frac{1}{2}$ s	1,000 00
Aug. 1, 1957	Sewer	2 $\frac{1}{4}$ s	3,000 00
Sept. 1, 1957	Sewer separate system	4 $\frac{1}{2}$ s	3,000 00
Oct. 1, 1957	Sewer separate system	4 $\frac{1}{4}$ s	500 00
Oct. 1, 1957	Sewer	3 $\frac{1}{2}$ s	2,000 00
Oct. 1, 1957	Building (Schoolhouse)	2s	25,000 00
Oct. 1, 1957	Schoolhouse	2s	10,000 00
Oct. 1, 1957	Building (Library)	2s	1,000 00
Oct. 1, 1957	Building (Garage)	2s	5,000 00
Oct. 1, 1957	Hospital	2s	9,000 00
Oct. 1, 1957	Building (Incinerator)	2s	7,000 00
Nov. 1, 1957	Sewer	2 $\frac{1}{2}$ s	2,000 00
Dec. 1, 1957	T. B. Hospital	1 $\frac{3}{4}$ s	12,000 00
Feb. 1, 1958	Sewer	2 $\frac{1}{2}$ s	6,000 00
Feb. 1, 1958	Sewer	2s	7,000 00
Mar. 1, 1958	Sewer	2 $\frac{1}{2}$ s	3,000 00
Mar. 1, 1958	Sewer separate system	4 $\frac{1}{4}$ s	3,000 00
Mar. 1, 1958	Sewer separate system	4s	3,000 00
Mar. 1, 1958	Sewer	2 $\frac{3}{4}$ s	2,000 00
April 1, 1958	Sewer	3 $\frac{1}{4}$ s	1,000 00
June 1, 1958	Addition and Repair Bridges	1 $\frac{3}{4}$ s	3,000 00
Aug. 1, 1958	Sewer	4 $\frac{1}{2}$ s	1,000 00
Aug. 1, 1958	Sewer	3 $\frac{3}{4}$ s	1,000 00
Aug. 1, 1958	Sewer	2 $\frac{1}{4}$ s	3,000 00
Sept. 1, 1958	Sewer separate system	4 $\frac{1}{2}$ s	3,000 00
Oct. 1, 1958	Sewer separate system	4 $\frac{1}{4}$ s	500 00
Oct. 1, 1958	Sewer	3 $\frac{1}{2}$ s	2,000 00
Oct. 1, 1958	Building (Schoolhouse)	2s	25,000 00
Oct. 1, 1958	Schoolhouse	2s	10,000 00
Oct. 1, 1958	Building (Library)	2s	1,000 00
Oct. 1, 1958	Building (Garage)	2s	5,000 00
Oct. 1, 1958	Hospital	2s	9,000 00
<i>Amount carried forward</i>			\$8,341,500 00

<i>Amount brought forward</i>			\$8,341,500 00
Oct. 1, 1958	Building (Incinerator).....	2s	\$7,000 00
Nov. 1, 1958	Sewer.....	2 $\frac{1}{2}$ s	2,000 00
Dec. 1, 1958	T. B. Hospital.....	1 $\frac{3}{4}$ s	12,000 00
Feb. 1, 1959	Sewer.....	2 $\frac{1}{2}$ s	6,000 00
Feb. 1, 1959	Sewer.....	2s	7,000 00
Mar. 1, 1959	Sewer separate system.....	4 $\frac{1}{4}$ s	3,000 00
Mar. 1, 1959	Sewer separate system.....	4s	3,000 00
Mar. 1, 1959	Sewer.....	2 $\frac{3}{4}$ s	2,000 00
Mar. 1, 1959	Sewer.....	2 $\frac{1}{2}$ s	3,000 00
April 1, 1959	Sewer.....	3 $\frac{1}{4}$ s	1,000 00
June 1, 1959	Addition and Repair Bridges.....	1 $\frac{3}{4}$ s	3,000 00
Aug. 1, 1959	Sewer.....	4 $\frac{1}{2}$ s	1,000 00
Aug. 1, 1959	Sewer.....	3 $\frac{3}{4}$ s	1,000 00
Aug. 1, 1959	Sewer.....	2 $\frac{1}{4}$ s	3,000 00
Sept. 1, 1959	Sewer separate system.....	4 $\frac{1}{2}$ s	3,000 00
Oct. 1, 1959	Sewer.....	3 $\frac{1}{2}$ s	2,000 00
Nov. 1, 1959	Sewer.....	2 $\frac{1}{2}$ s	2,000 00
Feb. 1, 1960	Sewer.....	2 $\frac{1}{2}$ s	6,000 00
Feb. 1, 1960	Sewer.....	2s	6,000 00
Mar. 1, 1960	Sewer separate system.....	4 $\frac{1}{4}$ s	3,000 00
Mar. 1, 1960	Sewer separate system.....	4s	3,000 00
Mar. 1, 1960	Sewer.....	2 $\frac{3}{4}$ s	2,000 00
Mar. 1, 1960	Sewer.....	2 $\frac{1}{2}$ s	3,000 00
April 1, 1960	Sewer.....	3 $\frac{1}{4}$ s	1,000 00
Aug. 1, 1960	Sewer.....	4 $\frac{1}{2}$ s	1,000 00
Aug. 1, 1960	Sewer.....	3 $\frac{3}{4}$ s	1,000 00
Aug. 1, 1960	Sewer.....	2 $\frac{1}{4}$ s	3,000 00
Oct. 1, 1960	Sewer.....	3 $\frac{1}{2}$ s	2,000 00
Nov. 1, 1960	Sewer.....	2 $\frac{1}{2}$ s	2,000 00
Feb. 1, 1961	Sewer.....	2 $\frac{1}{2}$ s	6,000 00
Feb. 1, 1961	Sewer.....	2s	6,000 00
Mar. 1, 1961	Sewer separate system.....	4s	3,000 00
Mar. 1, 1961	Sewer.....	2 $\frac{3}{4}$ s	2,000 00
Mar. 1, 1961	Sewer.....	2 $\frac{1}{2}$ s	3,000 00
April 1, 1961	Sewer.....	3 $\frac{1}{4}$ s	1,000 00
Aug. 1, 1961	Sewer.....	4 $\frac{1}{2}$ s	1,000 00
Aug. 1, 1961	Sewer.....	3 $\frac{3}{4}$ s	1,000 00
Aug. 1, 1961	Sewer.....	2 $\frac{1}{4}$ s	3,000 00
Oct. 1, 1961	Sewer.....	3 $\frac{1}{2}$ s	2,000 00
Nov. 1, 1961	Sewer.....	2 $\frac{1}{2}$ s	2,000 00
Feb. 1, 1962	Sewer.....	2 $\frac{1}{2}$ s	6,000 00
Feb. 1, 1962	Sewer.....	2s	6,000 00
Mar. 1, 1962	Sewer.....	2 $\frac{3}{4}$ s	2,000 00
Mar. 1, 1962	Sewer.....	2 $\frac{1}{2}$ s	3,000 00
April 1, 1962	Sewer.....	3 $\frac{1}{4}$ s	1,000 00
Aug. 1, 1962	Sewer.....	4 $\frac{1}{2}$ s	1,000 00
Aug. 1, 1962	Sewer.....	3 $\frac{3}{4}$ s	1,000 00
Aug. 1, 1962	Sewer.....	2 $\frac{1}{4}$ s	3,000 00
Oct. 1, 1962	Sewer.....	3 $\frac{1}{2}$ s	2,000 00
Nov. 1, 1962	Sewer.....	2 $\frac{1}{2}$ s	2,000 00
Feb. 1, 1963	Sewer.....	2 $\frac{1}{2}$ s	6,000 00
Feb. 1, 1963	Sewer.....	2s	6,000 00
Mar. 1, 1963	Sewer.....	2 $\frac{3}{4}$ s	2,000 00
Mar. 1, 1963	Sewer.....	2 $\frac{1}{2}$ s	3,000 00
April 1, 1963	Sewer.....	3 $\frac{1}{4}$ s	1,000 00
Aug. 1, 1963	Sewer.....	3 $\frac{3}{4}$ s	1,000 00
Aug. 1, 1963	Sewer.....	2 $\frac{1}{4}$ s	3,000 00

Amount carried forward..... \$8,514,500 00

<i>Amount brought forward</i>			\$8,514,500 00
Oct. 1, 1963	Sewer.....	3 $\frac{1}{2}$ s	\$2,000 00
Nov. 1, 1963	Sewer.....	2 $\frac{1}{2}$ s	2,000 00
Feb. 1, 1964	Sewer.....	2 $\frac{1}{2}$ s	6,000 00
Feb. 1, 1964	Sewer.....	2s	6,000 00
Mar. 1, 1964	Sewer.....	2 $\frac{3}{4}$ s	2,000 00
Mar. 1, 1964	Sewer.....	2 $\frac{1}{2}$ s	3,000 00
April 1, 1964	Sewer.....	3 $\frac{1}{4}$ s	1,000 00
Aug. 1, 1964	Sewer.....	2 $\frac{1}{4}$ s	3,000 00
Oct. 1, 1964	Sewer.....	3 $\frac{1}{2}$ s	2,000 00
Nov. 1, 1964	Sewer.....	2 $\frac{1}{2}$ s	2,000 00
Feb. 1, 1965	Sewer.....	2 $\frac{1}{2}$ s	6,000 00
Feb. 1, 1965	Sewer.....	2s	6,000 00
Mar. 1, 1965	Sewer.....	2 $\frac{3}{4}$ s	2,000 00
Mar. 1, 1965	Sewer.....	2 $\frac{1}{2}$ s	3,000 00
Aug. 1, 1965	Sewer.....	2 $\frac{1}{4}$ s	3,000 00
Nov. 1, 1965	Sewer.....	2 $\frac{1}{2}$ s	2,000 00
Feb. 1, 1966	Sewer.....	2 $\frac{1}{2}$ s	6,000 00
Feb. 1, 1966	Sewer.....	2s	6,000 00
Mar. 1, 1966	Sewer.....	2 $\frac{1}{2}$ s	3,000 00
Aug. 1, 1966	Sewer.....	2 $\frac{1}{4}$ s	3,000 00
Feb. 1, 1967	Sewer.....	2 $\frac{1}{2}$ s	6,000 00
Feb. 1, 1967	Sewer.....	2s	6,000 00
Aug. 1, 1967	Sewer.....	2 $\frac{1}{4}$ s	3,000 00
Feb. 1, 1968	Sewer.....	2s	6,000 00
Aug. 1, 1968	Sewer.....	2 $\frac{1}{4}$ s	3,000 00
Feb. 1, 1969	Sewer.....	2s	6,000 00
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			\$8,613,500 00

The Bonded City Debt matures as follows, *viz.*:

Provided for by Sinking Fund.

Jan.	1, 1940	Sewer.....	3½s	\$46,000 00
May	1, 1940	Sewer.....	4s	15,000 00
July	1, 1940	Sewer.....	4s	25,000 00
July	1, 1940	Playground.....	4s	50,000 00
July	1, 1940	Cambridge Bridge.....	3½s	100,000 00
July	1, 1940	Park.....	3½s	50,000 00
Nov.	1, 1940	Park.....	3½s	50,000 00
Feb.	1, 1941	Cambridge Bridge.....	3s	47,000 00
Mar.	1, 1941	Sewer.....	3½s	10,000 00
Mar.	1, 1941	Sewer.....	3½s	10,000 00
July	1, 1941	Sewer.....	3½s	10,000 00
July	1, 1941	Playground.....	3½s	15,000 00
Oct.	1, 1941	Park.....	3½s	100,000 00
Nov.	1, 1941	Cambridge Bridge.....	3½s	85,000 00
Dec.	1, 1941	Sewer separate system.....	3½s	10,000 00
Dec.	1, 1941	Playground.....	3½s	30,000 00
July	1, 1942	Park.....	3½s	48,000 00
Aug	1, 1942	Cambridge Bridge.....	3½s	94,000 00
Sept.	1, 1942	Sewer.....	3½s	15,000 00
Jan.	1, 1943	Cambridge Bridge.....	3½s	42,000 00
Feb.	1, 1943	Sewer.....	3½s	10,000 00
Feb.	1, 1943	Sewer separate system.....	3½s	10,000 00
April	1, 1943	Cambridge Bridge.....	3½s	35,000 00
April	1, 1943	Park.....	3½s	50,000 00
July	1, 1943	Sewer.....	4s	25,000 00
Jan.	1, 1944	Cambridge Bridge.....	3½s	71,000 00
May	1, 1944	Cambridge Bridge.....	3½s	164,000 00
Aug.	1, 1944	Cambridge Bridge.....	3½s	100,000 00
Sept.	1, 1944	Cambridge Bridge.....	3½s	50,000 00
Sept.	1, 1944	Park.....	3½s	25,000 00
Nov.	1, 1944	Park.....	3½s	6,000 00
April	1, 1945	Park.....	3½s	5,000 00
May	1, 1945	Park.....	3½s	45,000 00

Amount carried forward..... \$1,448,000 00

The Bonded City Debt matures as follows, *viz.*:

Provided for by Sinking Fund.

<i>Amount brought forward</i>			\$1,448,000 00
May 1, 1945	Cambridge Bridge.....	3½s	\$140,000 00
Aug. 1, 1945	Park.....	3½s	5,000 00
Dec. 1, 1945	Cambridge Bridge.....	3½s	100,000 00
Jan. 1, 1946	Cambridge Bridge.....	3½s	20,000 00
Aug. 1, 1946	Cambridge Bridge.....	4s	100,000 00
Aug. 1, 1946	Commercial Avenue Bridge.....	3½s	50,000 00
Sept. 1, 1946	Park.....	3½s	25,000 00
Sept. 1, 1946	Cambridge Bridge.....	4s	5,000 00
Jan. 1, 1947	Cambridge Bridge.....	3½s	50,000 00
July 1, 1947	Cambridge Bridge.....	4s	40,000 00
Oct. 1, 1947	Cambridge Bridge.....	4s	15,000 00
Oct. 1, 1947	Park.....	4s	10,000 00
Aug. 1, 1948	Cambridge Bridge.....	4s	45,000 00
Aug. 1, 1948	Park.....	4s	30,000 00
Nov. 1, 1948	Park.....	4s	12,000 00
Jan. 1, 1950	Park.....	3½s	8,800 00
July 1, 1950	Cambridge Bridge.....	4s	20,000 00
Mar. 1, 1951	Park.....	3½s	17,000 00
July 1, 1951	Park.....	3½s	7,000 00
Dec. 1, 1951	Park.....	3½s	6,200 00
Dec. 1, 1951	Bridge.....	3½s	10,000 00
Mar. 1, 1952	Bridge.....	3½s	10,000 00
			<hr/>
			\$2,174,000 00

The Bonded Water Debt matures as follows:

Provided for by Sinking Fund.

Mar. 1, 1941.....	3½s	\$16,500 00	
Dec. 1, 1941.....	3½s	10,000 00	
		<hr/>	
			\$26,500 00

The Bonded Water Debt matures as follows:

Issued serially, provided for by Water Receipts.

April 1, 1940.....	3¼s	\$3,000 00
July 1, 1940.....	4s	1,500 00
Aug. 1, 1940.....	3½s	24,000 00
Oct. 1, 1940.....	4½s	11,000 00
Oct. 1, 1940.....	4s	13,000 00
Oct. 1, 1940.....	3¼s	5,000 00
April 1, 1941.....	3¼s	3,000 00
July 1, 1941.....	4s	1,500 00
Aug. 1, 1941.....	3½s	24,000 00
Oct. 1, 1941.....	4½s	11,000 00
Oct. 1, 1941.....	4s	13,000 00
Oct. 1, 1941.....	3¼s	5,000 00
April 1, 1942.....	3¼s	3,000 00
July 1, 1942.....	4s	1,500 00
Aug. 1, 1942.....	3½s	24,000 00
Oct. 1, 1942.....	4½s	11,000 00
Oct. 1, 1942.....	4s	13,000 00
Oct. 1, 1942.....	3¼s	5,000 00
April 1, 1943.....	3¼s	3,000 00
July 1, 1943.....	4s	1,500 00
Aug. 1, 1943.....	3½s	24,000 00
Oct. 1, 1943.....	4½s	11,000 00
Oct. 1, 1943.....	3¼s	5,000 00
April 1, 1944.....	3¼s	3,000 00
July 1, 1944.....	4s	1,500 00
Aug. 1, 1944.....	3½s	24,000 00
Oct. 1, 1944.....	4½s	11,000 00
Oct. 1, 1944.....	3¼s	5,000 00
<i>Amount carried forward.....</i>		<hr/> \$261,500 00

The Bonded Water Debt matures as follows:

Issued serially, provided for by Water Receipts.

<i>Amount brought forward</i>		\$261,500 00
April 1, 1945	3 $\frac{1}{4}$ s	\$3,000 00
Aug. 1, 1945	3 $\frac{1}{2}$ s	24,000 00
Oct. 1, 1945	4 $\frac{1}{2}$ s	11,000 00
Oct. 1, 1945	3 $\frac{1}{4}$ s	5,000 00
April 1, 1946	3 $\frac{1}{4}$ s	3,000 00
Aug. 1, 1946	3 $\frac{1}{2}$ s	24,000 00
Oct. 1, 1946	4 $\frac{1}{2}$ s	11,000 00
Oct. 1, 1946	3 $\frac{1}{4}$ s	5,000 00
April 1, 1947	3 $\frac{1}{4}$ s	3,000 00
Aug. 1, 1947	3 $\frac{1}{2}$ s	23,000 00
Oct. 1, 1947	4 $\frac{1}{2}$ s	11,000 00
Oct. 1, 1947	3 $\frac{1}{4}$ s	5,000 00
April 1, 1948	3 $\frac{1}{4}$ s	3,000 00
Aug. 1, 1948	3 $\frac{1}{2}$ s	23,000 00
Oct. 1, 1948	4 $\frac{1}{2}$ s	11,000 00
Oct. 1, 1948	3 $\frac{1}{4}$ s	5,000 00
April 1, 1949	3 $\frac{1}{4}$ s	3,000 00
Aug. 1, 1949	3 $\frac{1}{2}$ s	23,000 00
Oct. 1, 1949	4 $\frac{1}{2}$ s	11,000 00
Oct. 1, 1949	3 $\frac{1}{4}$ s	5 000 00
Aug. 1, 1950	3 $\frac{1}{2}$ s	23,000 00
Oct. 1, 1950	4 $\frac{1}{2}$ s	11,000 00
Aug. 1, 1951	3 $\frac{1}{2}$ s	23,000 00
Aug. 1, 1952	3 $\frac{1}{2}$ s	23,000 00
Aug. 1, 1953	3 $\frac{1}{2}$ s	23,000 00
Aug. 1, 1954	3 $\frac{1}{2}$ s	23,000 00
Aug. 1, 1955	3 $\frac{1}{2}$ s	23,000 00
Aug. 1, 1956	3 $\frac{1}{2}$ s	23,000 00
		<hr/> \$645,500 00

REPORT OF THE COMMISSIONERS OF THE SINKING FUNDS OF THE CITY OF CAMBRIDGE

Cambridge, Massachusetts, January 1, 1940.

To the Honorable City Council:

The Commissioners of the Sinking Funds of the City of Cambridge herewith submit their annual report for the year ended December 31, 1939. Inasmuch as the debt for which sinking funds have been created is divided into two groups, City Debt and Water Debt, this report is likewise divided: first, Municipal Loan Fund for the City Debt proper and second, Water Loan Fund for the City Water Debt.

As at December 31, 1939, there was held in the Municipal Loan Fund assets as follows:

Bonds (at par value)	\$2,058,500 00
Cash	66,084 35
Total	<u>\$2,124,584 35</u>

The total amount of City Debt outstanding at December 31, 1939, for which payment is provided through the Municipal Loan Fund, amounted to \$2,174,000. This debt matures in various amounts in the years 1940 to 1952 inclusive. Deducting the assets of the Municipal Loan Fund as reported above from the debt for which it is provided leaves a net City Sinking Fund debt at December 31, 1939 of \$49,415.65. During the year 1940 City Debt in the amount of \$336,000 will become due and payable from this fund.

Details as to the changes in the year 1939 of this fund follows:

MUNICIPAL LOAN FUND

Bond Account

(Bonds are reported at par value)

Bonds in fund December 31, 1938	\$2,173,912 50	
Bonds purchased	77,000 00	
	<u>\$2,250,912 50</u>	
<i>Deduct:</i>		
Bonds sold	\$53,412 50	
Bonds matured	139,000 00	
	<u>\$192,412 50</u>	
Bonds in fund December 31, 1939		\$2,058,500 00

Cash Account

Cash in fund December 31, 1938.....	\$26,651 12	
Interest received.....	77,428 57	
Proceeds of bonds sold.....	52,993 06	
Proceeds of bonds matured.....	139,000 00	
	<u>\$296,072 75</u>	
	\$296,072 75	\$2,058,500 00

Deduct:

Paid to City Treasurer for matured bonds.....	\$150,000 00	
Paid for bonds purchased.....	79,573 79	
Paid interest accrued on bonds purchased.....	399 11	
Postage, insurance and collection charges.....	15 50	
	<u>229,988 40</u>	

Cash in fund December 31, 1939.....	66,084 35
Total bonds and cash in fund December 31, 1939.....	<u><u>\$2,124,584 35</u></u>

As at December 31, 1939, there was held in the Water Loan Fund assets as follows:

Bonds (at par value).....	\$11,500 00
Cash.....	36,271 91
Total.....	<u><u>\$47,771 91</u></u>

The total amount of the Water Debt outstanding at December 31, 1939, for which payment is provided through the Water Loan Fund, amounted to \$26,500. This debt matures in 1941.

Details as to the changes in the year 1939 of this fund follows:

WATER LOAN FUND

Bond Account

(Bonds are reported at par value)

Bonds in fund December 31, 1938 and 1939.....	\$11,500 00
---	-------------

Cash Account

Cash in fund December 31, 1938.....	\$35,564 17
Interest received.....	887 74
	<u>\$36,451 91</u>

Deduct:

Adjustment of interest on bonds sold to Municipal Loan Fund in 1938.....	180 00
Cash in fund December 31, 1939.....	36,271 91
Total bonds and cash in fund December 31, 1939.....	<u><u>\$47,771 91</u></u>

For convenience in keeping the accounts of the funds the first Commissioners of both the Municipal Loan Fund and the Water Loan Fund carried all bonds at par value regardless of the price paid therefor. All interest received is entered at the gross amount without deduction for the proportion of any premium paid for the bonds. This practice, which has been continued to the present time, has received the approval of the Director of Accounts of the Department of Corporations and Taxation of the Commonwealth of Massachusetts. Interest earned but not yet due has not been set up as an asset as of the end of the year.

No payment has been made to the Municipal Sinking Fund by the City since 1931, as an examination in that year indicated that no payment should be necessary if investments could be made without loss at the rate of three and one-half per cent compounded semi-annually. No payment has been made to the Water Fund since 1917. All bonded debt incurred by the City since 1913 must be in serial form and the Commissioners of Sinking Funds have no duties to perform in regard to any debt incurred since that time.

A list of the bonds held on December 31, 1939, in the respective funds is appended hereto. None of these bonds are in default as to either principal or interest with the exception of \$10,000 Old Colony Railroad 4 per cent bonds due January 1, 1938, held in the Water Loan Fund, which have been in default as to interest since July 1, 1936, and were in default as to principal January 1, 1938. The bonds held in the respective funds were examined on December 21, 1939 by the examiners of the Division of Accounts, Department of Corporations and Taxation of the Commonwealth of Massachusetts, whose certificate is appended to the report of the Auditing Committee.

Respectfully submitted,

WILLIAM H. REARDON JR.,
WILLIAM H. DAVIES,
JOSEPH M. MURPHY,
ARTHUR M. WRIGHT.

REPORT OF AUDITING COMMITTEE

The Committee appointed to audit the accounts of the Treasurer of the Sinking Funds for the year ended December 31, 1939, reports the accounts are correct. We verified the cash on deposit in banks at the close of business December 31, 1939, with certificates obtained from the depositaries. The bonds held in the respective Sinking Funds were examined on December 21, 1939 by the examiner of the Division of Accounts, Department of Corporations and Taxation of the Commonwealth of Massachusetts, and his certificate is appended hereto. There were no changes in bonds held in the respective Sinking Funds between December 21, 1939 and December 31, 1939.

WILLIAM H. DAVIES,
JOSEPH M. MURPHY.

CERTIFICATE ON EXAMINATION OF ASSETS

This is to certify that:

The savings bank books and securities representing the investment of the Municipal and Water Loans Sinking Funds of the City of Cambridge were examined by accountants from the Division of Accounts as of December 21, 1939, and the cash on hand applicable to these funds was verified by reconciliation of the bank balances with statements furnished by the bank of deposit.

The following tables show the condition and transactions of the funds as of December 21, 1939.

Very truly yours,

THEODORE N. WADDELL,
Director of Accounts.

MUNICIPAL LOANS SINKING FUND

	Cash	Securities Par Value	Total
On hand December 1, 1938.....	\$20,872 37	\$2,173,912 50	\$2,194,784 87
On hand at end of year 1938.....	26,651 12	2,173,912 50	2,200,563 62
On hand December 21, 1939.....	66,084 35	2,058,500 00	2,124,584 35
<i>Receipts</i>		<i>Payments</i>	
DECEMBER 1 TO 31, 1938			
Income.....	\$5,778 75		
Cash on hand Decem- ber 1, 1938.....	20,872 37	Cash on hand at end of year 1938.....	\$26,651 12
	<u>\$26,651 12</u>		<u>\$26,651 12</u>
JANUARY 1 TO DECEMBER 21, 1939			
Securities sold and matured.....	\$192,412 50	Securities purchased.....	\$77,000 00
Premium on sales....	31 25	Premium on purchases....	3,595 81
Discount on purchases	1,022 02	Discount on sales.....	450 69
Accrued interest.....	945 16	Accrued interest.....	399 11
Refund of overpayment to Water Loan Sink- ing Fund.....	180 00	Collection charges, etc. ...	15 50
Income.....	76,303 41	Transferred to city.....	150,000 00
Cash on hand at begin- ning of year 1939 ..	26,651 12	Balance Harvard Trust Company, December 21, 1939, verified.....	66,084 35
	<u>\$297,545 46</u>		<u>\$297,545 46</u>

WATER LOANS SINKING FUND

	Cash	Savings Deposits	Securities Par Value	Total
On hand December 1, 1938 ..	\$2,359 62	\$33,204 55	\$11,500 00	\$47,064 17
On hand at end of year 1938.	2,359 62	33,204 55	11,500 00	47,064 17
On hand December 21, 1939.	2,232 12	34,039 79	11,500 00	47,771 91
<i>Receipts</i>			<i>Payments</i>	
DECEMBER 1 TO 31, 1938				
No Transactions				
JANUARY 1 TO DECEMBER 21, 1939				
Income	\$887 74	Added to savings deposits .		\$835 24
Cash on hand at begin-		Refund to Municipal Loans		
ning of year 1939 ..	2,359 62	Sinking Fund		180 00
		Balance Harvard Trust		
		Company, December 21,		
		1939, verified		2,232 12
	<u>\$3,247 36</u>			<u>\$3,247 36</u>

MUNICIPAL LOAN FUND

Bonds Held December 31, 1939

<i>Issue</i>	<i>Rate</i>	<i>Maturity</i>	<i>Par Value Amount</i>
City of Cambridge, Mass.....	Reg. 4	Mar. 1, 1940	\$2,000 00
City of Cambridge, Mass.....	Reg. 3½	Nov. 1, 1940	25,000 00
City of Cambridge, Mass.....	Reg. 3	Feb. 1, 1941	22,000 00
City of Cambridge, Mass.....	Reg. 4	Mar. 1, 1941	2,000 00
City of Cambridge, Mass.....	Reg. 3½	Mar. 1, 1941	500 00
City of Cambridge, Mass.....	Reg. 3½	Oct. 1, 1941	100,000 00
City of Cambridge, Mass.....	Reg. 3½	Nov. 1, 1941	30,000 00
City of Cambridge, Mass.....	Reg. 4	Mar. 1, 1942	2,000 00
City of Cambridge, Mass.....	Reg. 3½	Aug. 1, 1942	4,000 00
City of Cambridge, Mass.....	Reg. 3½	Jan. 1, 1943	13,000 00
City of Cambridge, Mass.....	Reg. 1	July 1, 1943	20,000 00
City of Cambridge, Mass.....	Reg. 4	Mar. 1, 1943	2,000 00
City of Cambridge, Mass.....	Reg. 3½	April 1, 1943	8,000 00
City of Cambridge, Mass.....	Reg. 3½	Jan. 1, 1944	9,000 00
City of Cambridge, Mass.....	Reg. 4	Mar. 1, 1944	2,000 00
City of Cambridge, Mass.....	Reg. 3½	May 1, 1944	79,000 00
City of Cambridge, Mass.....	Reg. 4	Mar. 1, 1945	2,000 00
City of Cambridge, Mass.....	Reg. 3½	May 1, 1945	5,000 00
City of Cambridge, Mass.....	Reg. 3½	Jan. 1, 1946	5,000 00
City of Cambridge, Mass.....	Reg. 3½	Jan. 1, 1946	5,000 00
City of Cambridge, Mass.....	Reg. 4	Mar. 1, 1946	2,000 00
City of Cambridge, Mass.....	Reg. 4	Aug. 1, 1946	75,000 00
City of Cambridge, Mass.....	Reg. 4	Mar. 1, 1947	2,000 00
City of Cambridge, Mass.....	Reg. 4	Mar. 1, 1948	2,000 00
City of Cambridge, Mass.....	Reg. 4	Mar. 1, 1949	2,000 00
City of Cambridge, Mass.....	Reg. 4	Mar. 1, 1950	2,000 00
City of Cambridge, Mass.....	Reg. 4	Mar. 1, 1951	2,000 00
City of Cambridge, Mass.....	Reg. 4	Mar. 1, 1952	2,000 00
City of Cambridge, Mass.....	Reg. 4	Mar. 1, 1953	2,000 00
City of Cambridge, Mass.....	Reg. 4	Mar. 1, 1954	2,000 00
City of Cambridge, Mass.....	Reg. 4	Mar. 1, 1955	2,000 00
City of Cambridge, Mass.....	Reg. 4	Mar. 1, 1956	2,000 00
City of Cambridge, Mass.....	Reg. 4	Mar. 1, 1957	2,000 00
State of New Jersey.....	Reg. 4¼	Jan. 1, 1940	50,000 00
City of Dayton, Ohio.....	Reg. 4½	Sept. 1, 1940	8,000 00
City of Toledo, Ohio.....	Reg. 4	Sept. 1, 1940	15,000 00
State of New Hampshire.....	Reg. 4½	Dec. 1, 1940	50,000 00
State of Illinois Reg. as to principal only.....	Cpn. 4	Mar. 1, 1941	10,000 00
City of Stamford, Conn.....	Cpn. 4½	July 1, 1941	10,000 00
City of Waltham, Mass.....	Cpn. 1½	Dec. 1, 1941	4,000 00
Boston & Maine Railroad Reg. as to principal only.....	Cpn. 5	Mar. 1, 1942	40,000 00
Portland, Maine, Water District ..	Reg. 4	May 1, 1942	40,000 00
City of Jersey City, N. J.....	Reg. 4¾	June 1, 1942	5,000 00
City of Medford, Mass.....	Cpn. 2	June 1, 1942	5,000 00
Newburyport, Mass.....	Cpn. 1¾	July 1, 1942	2,000 00
City of St. Louis, Mo.....	Reg. 4¼	Nov. 1, 1942	25,000 00
City of Waltham, Mass.....	Cpn. 1½	Dec. 1, 1942	3,000 00
City of Fitchburg, Mass.....	Cpn. 2	Jan. 1, 1943	20,000 00
State of Illinois Reg. as to princi- pal only.....	Cpn. 4	Mar. 1, 1943	40,000 00
<i>Amount carried forward</i>			<u>\$763,500 00</u>

<i>Amount brought forward</i>			\$1,295,000 00
<i>Issue</i>	<i>Rate</i>	<i>Maturity</i>	<i>Par Value Amount</i>
City of Jersey City, N. J.....	Reg. $4\frac{3}{4}$	June 1, 1943	\$5,000 00
City of Nashua, N. H.....	Cpn. $4\frac{1}{4}$	July 1, 1943	7,000 00
City of New Bedford, Mass.	Cpn. $2\frac{1}{2}$	July 1, 1943	3,000 00
Chicopee, Mass.....	Cpn. $1\frac{1}{2}$	Aug. 1, 1943	4,000 00
City of Jersey City, N. J.....	Reg. 5	Oct. 1, 1943	50,000 00
City of Waltham, Mass.....	Cpn. $1\frac{1}{2}$	Dec. 1, 1943	3,000 00
City of Waltham, Mass.....	Cpn. $2\frac{1}{2}$	Jan. 1, 1944	8,000 00
City of Cleveland, Ohio.....	Cpn. 5	Mar. 1, 1944	15,000 00
State of Louisiana.....	Reg. 5	Mar. 1, 1944	50,000 00
City of Newark, N. J.....	Reg. $4\frac{1}{2}$	Mar. 15, 1944	50,000 00
City of Somerville, Mass.....	Cpn. $1\frac{3}{4}$	April 1, 1944	10,000 00
City of Nashua, N. H.....	Cpn. $4\frac{1}{4}$	July 1, 1944	10,000 00
Chicopee, Mass.....	Cpn. $1\frac{1}{2}$	Aug. 1, 1944	4,000 00
Portland, Maine, Water District.	Cpn. 4	Aug. 1, 1944	60,000 00
City of Providence, R. I.....	Reg. 4	Jan. 1, 1945	100,000 00
City of Cleveland, Ohio.....	Cpn. 5	Mar. 1, 1945	15,000 00
City of Taunton, Mass.....	Cpn. 2	July 1, 1945	10,000 00
Newburyport, Mass.....	Cpn. $1\frac{3}{4}$	July 1, 1945	2,000 00
City of Cleveland, Ohio.....	Cpn. $3\frac{3}{4}$	Oct. 1, 1945	6,000 00
City of Waltham, Mass.....	Cpn. $2\frac{1}{2}$	Jan. 1, 1946	13,000 00
City of Cleveland, Ohio.....	Cpn. 5	Mar. 1, 1946	20,000 00
City of Somerville, Mass.....	Cpn. $1\frac{3}{4}$	April 1, 1946	20,000 00
City of Milwaukee, Wis.....	Cpn. $4\frac{1}{2}$	July 1, 1946	25,000 00
City of Taunton, Mass.....	Cpn. 2	July 1, 1946	10,000 00
Newburyport, Mass.....	Cpn. $1\frac{3}{4}$	July 1, 1946	2,000 00
Chicopee, Mass.....	Cpn. $1\frac{1}{2}$	Aug. 1, 1947	4,000 00
New Bedford, Mass.....	Cpn. $1\frac{3}{4}$	Aug. 1, 1947	14,000 00
City of Canton, Ohio.....	Reg. $5\frac{1}{2}$	Dec. 1, 1947	5,000 00
Medford, Mass.....	Cpn. $2\frac{1}{2}$	Sept. 1, 1948	14,000 00
State of Missouri.....	Reg. $4\frac{1}{2}$	Oct. 1, 1948	50,000 00
Newburyport, Mass.....	Cpn. $1\frac{3}{4}$	July 1, 1947	2,000 00
Newburyport, Mass.....	Cpn. $1\frac{3}{4}$	July 1, 1948	2,000 00
Newburyport, Mass.....	Cpn. $1\frac{3}{4}$	July 1, 1949	2,000 00
Commonwealth of Massachusetts	Reg. $3\frac{1}{2}$	Jan. 1, 1949	5,000 00
City of Canton, Ohio.....	Reg. $5\frac{1}{2}$	Dec. 1, 1949	5,000 00
Narragansett, R. I.....	Cpn. 3	Apr. 1, 1950	10,000 00
Narragansett, R. I.....	Cpn. 3	Apr. 1, 1952	5,000 00
Maine Central Railroad.....	Cpn. $4\frac{1}{2}$	Dec. 1, 1960	50,000 00
United States Treasury Notes...	Cpn. $1\frac{1}{2}$	June 15, 1940	150,000 00
United States Treasury Notes...	Cpn. $1\frac{1}{4}$	Dec. 15, 1941	55,000 00
United States Treasury Bonds...	Cpn. $3\frac{1}{4}$	Oct. 15, 1945-43	205,000 00
United States Treasury Bonds...	Cpn. $3\frac{1}{4}$	April 15, 1946-44	60,000 00
Federal Farm Loan.....	Cpn. 3	July 1, 1955-45	50,000 00
United States Treasury Bonds...	Cpn. 3	Sept. 15, 1955-51	80,000 00
Consolidated Federal Farm Loan	Cpn. 3	May 1, 1956-46	25,000 00
Total.....			\$2,058,500 00

WATER LOAN FUND

Bonds held December 31, 1939

<i>Issue</i>	<i>Rate</i>	<i>Maturity</i>	<i>Par Value Amount</i>
City of Cambridge, Mass.....	Reg. 3½	Mar., 1941	\$1,500 00
Old Colony Railroad.....	Reg. 4	Jan., 1938	10,000 00
Total.....			<hr/> \$11,500 00

REPORT OF BOARD OF ASSESSORS

For the Year Ending December 31, 1939

To His Honor the Mayor and the City Council:

We hereby submit the report of the Board of Assessors for the year 1939.

Very truly yours,

JAMES J. CASEY,
THOMAS F. GIBSON,
DANIEL F. O'BRIEN,

Assessors of Cambridge.

October 25, 1940.

WARRANTS 1939

County tax	\$238,937 91
State tax	500,400 00
Charles River Basin Loan Fund	20,492 90
Metropolitan Parks Loan Sinking Fund	78,436 19
Metropolitan Planning Division	1,133 58
Metropolitan Park Loan Sinking Fund, etc.	8,395 25
Metropolitan Park Loan Fund, Nantasket maintenance	5,445 33
Wellington Bridge, maintenance	166 04
Metropolitan Sewerage Loan Sinking Fund	131,274 00
Abatement smoke nuisance	1,927 50
Hospital or home care for Civil War veterans	210 00
Veterans exemptions	637 81
Boston Metropolitan District expenses	402 78
Boston Elevated Railway deficiency	243,219 00
Kenmore Square Subway rental deficiency	9,728 76
Charles River Bridge	28,453 88
Auditing municipal accounts	7,135 37
Underestimates 1938 (State), Chapter 376, Acts 1936	258,677 72
<hr/>	
Total State and County Warrants	\$1,535,074 02
City budget	5,991,413 38
School budget	1,875,596 33
Overlay	71,385 81
Deficit in overlays	99,615 46
<hr/>	
	\$9,573,085 00

ESTIMATED RECEIPTS

Income tax*	\$476,912 35
Corporation taxes*	345,837 03
Based on actual tax receipts 1938	1,217,250 62
Loan state tax deficit for 1938	250,000 00
Distribution State Highway Fund	241,906 83
Overestimates, 1938 (State), Chapter 376, Acts 1936	11,151 32
Total estimated receipts	\$2,543,058 15
Poll tax 34,652 at \$2.00	69,304 00
Total estimated receipts plus poll tax	\$2,612,362 15
Budget and Warrants	\$9,573,085 00
Less estimated receipts including poll tax	2,612,362 15
Net amount to be raised by tax levy	\$6,960,722 85

VALUATIONS

Real estate	\$160,805,900 00
Tangible personal property	11,063,800 00
Total 1939	\$171,869,700 00
Total 1938	173,010,600 00
Loss in 1939	1,140,900 00
Tax rate in 1939, \$40.50.	

VALUATION OF REAL ESTATE AND PERSONAL PROPERTY AS OF JANUARY 1, 1939

Land	\$57,782,300	Loss over 1938	\$225,700
Buildings	103,023,600	Loss 1938	677,100
Personal estate	11,063,800	Loss 1938	238,100
	\$171,869,700	Total loss over 1938	\$1,140,900

This valuation of \$171,869,700 divided into the Tax Levy of \$6,960,722.85 gives a rate of \$40.50.

VALUATION OF EXEMPTED PROPERTY

City of Cambridge	\$11,923,500
Benevolent	460,500
Cemeteries	50,700
Charitable	2,040,700
Commonwealth of Massachusetts	8,530,900
County of Middlesex	1,907,500
Educational	51,067,700
Houses of religious worship	5,035,900
United States of America	570,100
Rectory	87,300
City other	2,000
	\$81,676,800

* Amount income and corporation tax receipts, estimated by Tax Commissioner.

COLLECTORS' WARRANTS

On January 1, 1939, 34,652 polls were listed and warrant for \$69,304 covering same was committed to the Collector of Taxes, April 25, 1939. 352 were added in a supplemental warrant, making total polls for the year 1939, 35,004.

The General Warrant for the year 1939 was committed to the Collector September 1, 1939. It required him to collect taxes at the rate of \$41.00 per thousand valuation:

On land valued at \$57,782,300	\$2,340,183 15
On buildings valued at \$103,023,600	4,172,455 80
Total tax on real estate \$1,608,059.00	\$6,512,638 95
On tangible personal property valued at \$11,063,800	448,083 90
Total personal property and real estate tax	\$6,960,722 85

BOSTON ELEVATED STREET RAILWAY

As indicated in the list of warrants we were required to raise by taxation in 1939, as the City's assessment on account of Boston Elevated Railway, the following amounts:

Deficiency in operating expenses	\$243,219 00
Deficiency in Kenmore Square rental	9,728 76
Total	\$252,947 76

Since 1932 the City of Cambridge has been required to raise amounts on account of deficiencies of the Boston Elevated Railway as follows:

1932 Deficiency	\$150,476 98
1933 Deficiency	235,996 08
Deficiency in Kenmore Square rental	6,576 05
1934 Deficiency	118,505 31
Deficiency in rental	9,690 00
1935 Deficiency	118,800 00
Deficiency in rental	9,700 00
1936 Deficiency	139,010 43
Deficiency in rental	9,182 06
1937 Deficiency	150,845 30
Deficiency in rental	9,393 71
1938 Deficiency	237,315 70
Deficiency in rental	9,328 96
1939 Deficiency	243,219 00
Deficiency in rental	9,728 76
Total	\$1,457,768 34

In eight years the taxpayers were required to pay \$1,457,768.34 on account of Boston Elevated deficiencies.

SPECIAL ASSESSMENTS

Apportioned sewer assessments with interest thereon \$2,095 59

MOTOR VEHICLES

An excise tax is levied on every registered motor vehicle at the place where the vehicle is customarily garaged. This excise is assessed under the authority of Chapter 60A of the General Laws and is for the privilege of registration of the vehicle. There is no property tax assessed on registered motor vehicles. There were 23,450 motor vehicles valued at \$6,754,150 registered from Cambridge in 1939, the excess assessed being \$183,841.29.

VALUATION OF TAXABLE PROPERTY SINCE 1846
WHEN CAMBRIDGE BECAME A CITY

Year	Polls	Personal Property	Real Estate	Total	Tax Rate
1846	\$9,312,481	\$5 00
1847	9,806,539	5 40
1848	10,476,230	5 50
1849	10,667,272	6 30
1850	11,469,618	6 30
1851	12,392,440	6 30
1852	13,175,257	7 50
1853	13,599,360	6 50
1854	15,437,100	7 10
1855	16,111,700	7 60
1856	18,038,650	7 70
1857	20,148,150	8 00
1858	20,261,850	9 10
1859	20,603,000	8 60
1860	21,280,700	9 00
1861	21,687,700	9 50
1862	21,527,100	10 00
1863	22,549,200	11 00
1864	23,271,500	11 50
1865	26,085,900	15 00
1866	28,385,700	13 20
1867	31,853,500	15 30
1868	34,093,800	13 80

VALUATION OF TAXABLE PROPERTY SINCE 1846 — *Continued*

Year	Polls	Personal Property	Real Estate	Total	Tax Rate
1869 ....	.....	.....	.....	\$39,210,900	\$14 00
1870 ....	.....	.....	.....	43,097,200	14 00
1871 ....	.....	.....	.....	46,859,800	15 60
1872	10,867	\$16,033,450	\$39,214,900	55,248,350	.....
1873	11,687	16,963,715	45,457,500	62,421,215	.....
1874	11,983	17,532,971	49,043,700	66,576,671	12 50
1875	11,983	16,467,714	50,155,300	66,623,014	12 50
1876	11,799	14,629,553	48,006,900	62,636,453	17 00
1877	11,593	12,878,050	42,877,000	55,755,050	16 00
1878	11,556	12,067,440	37,547,700	49,615,140	17 20
1879	11,892	11,892,898	37,345,200	49,238,098	17 00
1880	12,644	11,699,660	37,929,400	49,629,060	16 00
1881	13,831	12,552,190	39,124,300	51,676,490	16 00
1882	13,922	11,577,080	39,091,200	50,668,280	16 60
1883	14,870	11,975,640	39,821,700	51,797,340	16 40
1884	15,399	12,259,491	41,289,200	53,548,691	16 80
1885	16,036	12,758,255	42,588,300	55,346,555	15 50
1886	16,544	14,490,470	44,955,200	59,445,670	15 00
1887	17,105	13,310,310	46,342,500	59,652,810	16 00
1888	17,558	14,241,640	48,208,400	62,450,040	15 00
1889	18,242	14,305,900	50,283,100	64,589,000	16 00
1890	19,082	15,294,625	52,177,300	67,471,925	15 60
1891	20,582	16,445,270	54,136,400	70,581,670	15 50
1892	21,482	17,620,195	56,619,900	74,240,095	16 00
1893	22,489	17,500,189	58,781,500	76,281,689	16 40
1894	22,172	16,658,320	60,877,300	77,535,620	15 80
1895	22,781	16,607,360	64,303,700	80,911,060	15 70
1896	23,847	15,914,995	67,835,100	83,750,095	15 10
1897	24,407	16,302,545	70,339,200	86,641,745	17 50
1898	24,628	16,642,990	72,908,100	89,551,090	16 40
1899	24,995	16,991,995	74,550,800	91,542,795	17 10
1900	25,117	17,865,230	76,600,700	94,465,930	16 90
1901	25,306	17,648,575	78,568,300	96,216,875	16 90
1902	25,680	17,742,985	80,396,900	98,139,885	18 30
1903	25,749	17,708,510	87,063,400	104,771,910	16 90
1904	25,968	17,346,500	87,481,100	104,827,600	17 90
1905	26,696	15,994,100	87,851,500	103,845,600	19 00
1906	26,434	16,550,235	88,603,000	105,153,235	18 60
1907	26,064	17,773,990	89,235,300	107,009,290	18 80
1908	25,815	16,854,775	90,026,300	106,881,075	20 10
1909	25,898	16,118,635	90,839,500	106,958,135	21 00

VALUATION OF TAXABLE PROPERTY SINCE 1846 — *Continued*

Year	Polls	Personal Property	Real Estate	Total	Tax Rate
1910	\$26,660	\$18,774,935	\$ 92,021,800	\$110,796,735	\$20 10
1911	26,810	17,409,635	94,171,600	111,581,235	19 90
1912	28,110	18,621,000	97,326,300	115,947,300	20 40
1913	28,297	19,977,190	101,155,100	121,132,290	20 40
1914	28,620	23,054,995	104,836,400	127,891,395	21 40
1915	28,858	23,096,810	107,014,000	130,110,810	23 00
1916	28,937	23,381,270	108,258,300	131,639,570	23 50
1917	29,127	*14,729,562	116,868,400	131,597,962	23 50
1918	31,184	16,385,984	118,175,700	134,561,684	25 00
1919	31,103	17,937,691	118,722,700	136,660,391	28 30
1920	35,780	17,268,272	124,436,700	141,704,972	31 30
1921	31,681	18,637,472	127,274,600	145,912,072	29 10
1922	33,547	18,597,415	128,796,200	147,393,615	30 00
1923	33,966	18,867,800	133,393,800	152,261,600	29 90
1924	34,538	20,300,100	138,152,000	158,452,100	33 30
1925	34,621	20,351,000	146,132,200	166,483,200	32 50
1926	34,292	19,967,000	153,581,500	173,548,500	33 30
1927	34,399	23,081,100	160,304,600	183,385,700	31 60
1928	35,288	†22,689,600	165,838,600	188,528,200	31 40
1929	34,545	17,599,200	170,857,100	188,456,300	32 70
1930	34,360	17,240,600	173,512,700	190,753,300	35 70
1931	34,338	18,007,700	173,936,700	191,944,400	33 90
1932	33,948	17,629,600	173,597,800	191,227,400	37 20
1933	33,287	16,167,200	170,597,400	186,764,600	33 50
1934	33,454	15,378,700	167,502,700	182,881,400	38 20
1935	33,898	15,390,400	165,226,100	180,616,500	41 00
1936	34,988	15,207,000	163,100,900	178,307,900	40 50
1937	33,138	‡10,878,800	161,831,000	172,709,800	39 60
1938	32,439	11,301,900	161,708,700	173,010,600	41 00
1939	35,004	110,638,800	160,805,900	171,869,700	40 50

*State Income Tax was first levied in 1917 removing intangible personal property from local taxation.

† 1928 was the last year automobiles were taxed locally as personal property.

‡ Machinery of manufacturing corporations taxed by the State in 1937.

SEVENTY-THIRD ANNUAL REPORT OF THE CITY ENGINEER

For the Year Ending December 31, 1939

To the Honorable City Council:

The City Engineer hereby submits his annual report, being the seventy-third of the Department, showing the operations and expenditures of the Engineering and Sewer Departments for the year ending December 31, 1939. A brief summary of the work of the Engineering and Sewer Departments for the period of one year is as follows:

FOR HIGHWAY DEPARTMENT

Number of surveys made	13
Number of street lines given	186
Number of grades given	270
Number of streets on which paving, curbs, etc., were measured	15
Number of assessments prepared	37
Number of plans and profiles prepared	9
Number of estimates for granolithic construction of sidewalks	110

FOR SEWER DEPARTMENT

Number of surveys made	10
Number of lines given	63
Number of grades given	79
Number of sewers measured	25
Number of plans and profiles prepared	62
Number of photographic negatives made	10

FOR WATER DEPARTMENT

Number of surveys made	1
Number of lines given	2
Number of grades given	3
Number of plans and profiles prepared	5
Number of photographic negatives made	12

FOR LAW DEPARTMENT

Number of surveys made	122
Number of plans prepared	16
Number of photographic negatives made	128

FOR PARK DEPARTMENT

Number of surveys made	7
Number of lines given	20
Number of grades given	27

Number of plans and profiles prepared.....	5
Number of photographic negatives made.....	4

FOR CEMETERY DEPARTMENT

Number of surveys made.....	0
Number of lines given.....	0
Number of grades given.....	0
Number of plans and profiles prepared.....	2

FOR MISCELLANEOUS WORK

Number of circuit bench levels.....	0
Number of houses measured.....	0
Number of plans, profiles, tracings, etc., prepared.....	83
Number of surveys made.....	2
Number of lines given.....	40
Number of grades given.....	6
Number of photographic negatives made.....	42

There are on file in this office 15,250 plans.

FINANCIAL

Engineering Department

SALARIES

Appropriation.....	\$25,768 00
Expended.....	25,716 67
Balance.....	\$51 33

GENERAL EXPENSE

Appropriation.....	\$1,084 00
Expended.....	1,035 10
Balance.....	\$48 90

In addition to and including the above amounts charged to salaries of assistants, there has been expended and charged to the Department as follows:

To Assessors' Plans.....	\$86 80
To Sewer Department.....	.....
To Water Department.....	.....
To salary of City Engineer.....	4,700 00
To salaries of assistants.....	21,016 67
Total.....	\$25,803 47

CLASSIFICATION OF SALARIES OF ASSISTANTS

Accidents: surveys, plans and court attendance for Law Department..	\$1,321 40
Accounts: bookkeeping and clerical work.....	1,983 00
Assessors' Plans: plans, surveys, measurements and work on Block Plans for Assessors' Department	1,682 34
Bridges: surveys, plans, examinations and estimates.....	487 12
Cemetery: surveys, measurements and plans setting out lots at Cam- bridge Cemetery.....	102 93
Highways: surveys, levels, plans, titles, estimates, measurements and assessments for Highway Department, also lines and grades given for private parties.....	6,259 81
Miscellaneous: unclassified work for committees and departments, vacations and sickness.....	3,122 27
Parks: surveys, lines, grades, plans and estimates for Park Department	894 20
Sewers: lines, grades, plans, surveys, estimates, accounts, measure- ments and assessments for Sewer Department	3,871 16
Water Department: lines, surveys, plans and estimates for Water Depart- ment	1,292 44
Total.....	<u>\$21,016 67</u>

REVENUE

161 Copies of Map of City.....	\$16 10
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ASSESSORS' BLOCK PLANS

Fifty plans were printed and mounted for the Assessors' Department this year, but changes in divisions of lots and plotting of buildings were made on the old Block Plans.

Appropriation.....	\$90 00
Expended for prints.....	86 80
Balance.....	<u>\$3 20</u>

CITY BRIDGES

The annual inspection of the city bridges was made and the following is a report of the present conditions.

Wellington Bridge, over Wellington Brook at Blanchard Road. This bridge is in a very dangerous condition. The fence is dangerous and should be repaired at once. The ends of the deck planking are rotted and breaking off. The main decking needs repairing. Many stringers need replacing.

The stone abutments need rebuilding at once, and unless they are taken care of immediately will not be safe for the load they carry. Excavation for a new storm sewer and deepening of Wellington Brook has added new dangers to the present bridge. I recommend that the bridge be replaced with two concrete pipes or some type of concrete or iron culvert that would eliminate the expense of a new bridge or repairs in the future. I cannot stress these repairs too strongly because of increased traffic over this bridge, including busses, trucks, etc. This bridge should be closed at once until repairs can be made. The wooden stringers that support the deck are rotted at the abutments.

Huron Avenue Bridge, at Fountain Terrace. The steel work on this bridge needs scraping and painting badly. The steel fence needs painting and repairing. The sidewalk planking needs replacing. Otherwise the bridge is in fair condition, but some of the steel members could be reinforced because of increased heavy traffic over this bridge. The steel girders are rusted at the abutments and should be repaired. The roadway needs repairing.

Huron Avenue Bridge, at the Watertown Branch, Boston and Maine Railroad. This bridge is in good condition. The steel work and pedestals must be cleaned and painted and clay kept away from them as the steel is corroding. The steel fence is badly in need of scraping and painting. Some of the sidewalk planking should be replaced. The roadway needs repairing. With a few minor repairs on the steel this bridge is in good condition.

Walden Street Bridge, over Boston and Maine Railroad (Fitchburg Division). The main steel girders should be painted as soon as possible. The concrete curbing at the side of the road is beginning to break and needs immediate repairs. Otherwise the bridge is in good condition and needs very little work done on it. Northerly abutment should be cemented at joints of stone. Wing wall on west side of bridge should be repaired

at once. Granite is breaking away from steel and needs repairing. The old cattle pass under approach needs repairing as the bricks are loosening.

Sixth Street Bridge, over Broad Canal. This bridge is in good condition. The four (4) dolphins are in very poor condition and should be renewed at once for the protection of the bridge. The steel should be painted and the safety gates repaired so that they will be able to operate. Walings need repairing and some replaced.

The wood deck on the bridge needs repairing. The bridge should be adjusted to operate freely because of binding on openings. The main deck of the bridge should be repaired. Electric contacts need repairing as they are very worn. Iron fences need replacing as they are very rusted. The operator's house needs repairing as the steel sides are rusted very badly and need replacing.

Commercial Avenue, over Lechmere Canal. This bridge has been rebuilt and is now in first class condition.

Third Street Bridge, over Broad Canal. This bridge is in good condition. The steel should be painted and the safety gate arms should be repaired. The dolphins at the corners of the draw are in poor condition and should be repaired at once.

The sidewalk decking should be repaired. Adjustment should also be made at this bridge as of Sixth Street. There should be new walings and some new piles at this bridge. Electric contacts need repairing. Gates need replacing as they are badly worn. The tail locks need repairing as they are out of order entirely. Operator's house needs repairing badly.

First Street Bridge, over Broad Canal. This bridge has been rebuilt and is now in first-class condition. The walings at the Northeast corner of the bridge need replacing as they were damaged by tow-boat.

STREETS LAID OUT AND ACCEPTED FROM JANUARY 1, 1939, TO DECEMBER 31, 1939

Length of accepted streets in the City December

31, 1939.....	114.604 miles
Accepted in 1939.....	..... miles
Discontinued in 1939.....	..... miles
Total length of accepted streets December 31, 1939	114.604 miles

Total length of unaccepted streets December 31, 1939.....	13.925 miles
Total mileage open for travel.....	128.529 miles

CLASSIFIED SCHEDULE OF SEWERS AS BUILT TO DECEMBER 31, 1939

Vitrified and cement.....	125.754 miles
Brick.....	43.325 miles
Wood.....	2.921 miles
Cement concrete.....	17.544 miles
Iron pipe.....	0.365 miles
Miscellaneous materials.....	2.333 miles
Total length of sewers constructed to date..	192.242 miles

GENERAL SEWER CONSTRUCTION

The total length of new sewers constructed during the year was 2.841 miles, making a total mileage in the city of 192.242 miles. The total length of streets newly sewered during the year was 0.46 mile, making a total mileage of streets sewered with one or more conduits 30.514 miles.

There were 1.756 miles replaced.

There are 98.451 miles of combined sewers in the city, 59.229 miles of sanitary sewers and 34.562 miles of storm sewers, making a total of 192.242 miles.

STREET CATCH BASINS

The total number of catch basins in the city is now 2,745.

Catch basins with wooden covers.....	247
Catch basins with sidewalk flaggings.....	1,080
Catch basins with "D" frames.....	1,349
Catch basins with miscellaneous covers.....	69

Six new catch basins have been built during the year at a cost of \$1,098.94.

Twenty-four catch basins have been repaired during the year at a cost of \$1,150.46.

Two thousand three hundred seven cubic yards of material have been removed from 1,573 catch basins during the year at a cost of \$6,317.00.

Eleven persons have been licensed during the year as drain-layers.

SEWERS CONSTRUCTED JANUARY 1, 1939 TO DECEMBER 31, 1939

Street	From	To	Material	Size in Inches			Number of			Av. Depth in Feet	Length in Feet			Cost		Time when work was	
				Combined	Storm	Sanitary	Manholes	Lamp-holes	Inlets		Combined	Storm	Sanitary	Per Foot	Total	Begun	Finished
Commercial Avenue	Binney Street	First Street	Akron Pipe	.....	24	10-12	2	.....	12	9	.....	349.	349.	.....	11,937.89	May 1, 1939	Nov. 3, 1939
Freighton Street*	At Fitchburg R.R.		Concrete Pipe	.....	15	.....		.....		8	.....	121.0		.....	2,154.76	May 1, 1939	
Davis Street*	Broadway	Southerly	Akron Pipe	12	.....	.....		.....	2	7	35.0			.....	268.00	Repair	Repair
Bridge Avenue	Rear American Oil Co.		Concrete Pipe	.....	36	.....		.....		8		344.0		.....	3,740.01	Nov. 16, 1939	Dec. 27, 1939
Windsor Street*	Market Street	Hampshire Street	Akron Pipe	.....	15	8		.....	3	8		331.5	331.5	.....	14,148.57	June 5, 1939	Oct. 30, 1939
Windsor Street*	Market Street	Broadway	Akron Pipe	.....	24	10		.....	2	8		126.0	126.0	.....		
			Concrete Pipe	.....										.....

*Relay

W.P.A. CONSTRUCTION

Allston Street	Magazine Street	Pleasant Street	Akron Pipe	.....	30-27	8-10	4	.....	16	9	.....	580.0	580.0				
Andrew Street	Allston Street	Fairmont Avenue	Concrete Pipe	.....	15-12	.....	1	.....	8	8	.....	370.0	.....			
Blackstone Street	River Street	Northerly	Akron Pipe	.....	15	10	1	2	4	7	.....	116.0	116.0				
Cambridge Street	Inman Street	Highland Street	Akron Pipe	.....	33-24	.....										
			Concrete Pipe	.....	18-15	.....	5			10		955.0	.....			
Cameron Avenue	Massachusetts Avenue	Somerville Line	Akron Pipe	.....	24-18	8	3		19	9		590.0	590.0				
			Concrete Pipe	.....												
Chester Street	Massachusetts Avenue	Somerville Line	Akron Pipe	.....	18	8	2		13	7		280.0	280.0				
			Concrete Pipe	.....												
Chestnut Street	Magazine Street	Pleasant Street	Akron Pipe	.....	12	8	3		16	9		509.0	509.0				
Day Street	Massachusetts Avenue	Somerville Line	Akron Pipe	.....	24-15	.....				7		379.0	.....			
			Concrete Pipe	.....												
Dover Street	Massachusetts Avenue	Somerville Line	Akron Pipe	.....	15-12	8	2		21	10		407.0	387.0				
Fairmont Avenue	Allston Street	Fairmont Street	Akron Pipe	.....	15-12	.....	3		14	7		380.0	.....			
Farrar Street	Scott Street	Holden Street	Akron Pipe	.....	24-15	8	2		23	8		585.0	585.0				
			Concrete Pipe	.....												
Flurence Street	Pleasant Street	Magazine Street	Akron Pipe	.....	27-15-12	8	4		30	8		585.0	585.0				
			Concrete Pipe	.....												
Frank Street	Massachusetts Avenue	Locke Street	Akron Pipe	.....	18-15	8	3		15	10		432.0	432.0				
			Concrete Pipe	.....												
Hamilton Street	Magazine Street	Pearl Street	Concrete Pipe	.....	42-36	.....	3		9	7		516.0	.....			
Hampshire Street	Portland Street	Cambridge Street	Akron Pipe	.....	60-42-33	8				10		3,605.0	2,472.0				
			Concrete Pipe	.....												
Holden Street	Kirkland Street	Scott Street	Concrete Pipe	.....	30-24	.....	4			7		748.0	.....			
Kenwood Street	Putnam Avenue	Allston Street	Akron Pipe	.....	15-12	8	1	2	19	7		258.0	258.0				
Kirkland Road	Kirkland Street	Southerly	Akron Pipe	.....	15-12	.....	2			7		245.0	.....			
Locke Street	Meacham Road	West of Frank. Street	Akron Pipe	.....	18-12-10	8	4			7		737.0	737.0				
			Concrete Pipe	.....												
Magazine Street	Prince Street	Hamilton Street	Akron Pipe	.....	48	15	2			8		64.0	64.0				
			Concrete Pipe	.....												
Meacham Road	Massachusetts Avenue	Locke Street	Akron Pipe	.....	18-15	.....	3		16	7		423.0	.....			
			Concrete Pipe	.....												
Milton Street	Massachusetts Avenue	Somerville Line	Concrete Pipe	.....	24	.....				7		310.0	.....			
Pleasant Street	Memorial Drive	Prince Street	Concrete Pipe	.....	60-54	.....	3			8		1,570.0	.....			
Prince Street	Pleasant Street	Magazine Street	Akron Pipe	.....	48	15	3		20	8		561.0	561.0				
			Concrete Pipe	.....												
Putnam Avenue	River Street	Pleasant Street	Akron Pipe	.....			3		1	7		998.0	.....			
			Concrete Pipe	.....	27-24-12	.....										
River Street	Blackstone Street	Montague Street	Akron Pipe	.....	18-15	.....	3			7		546.0	.....			
			Concrete Pipe	.....												
Russell Street	Massachusetts Avenue	Somerville Line	Concrete Pipe	.....	24	.....	2		6	7		299.0	.....			
Whitney Avenue	Putnam Avenue	Chestnut Street	Akron Pipe	.....	15	8	1		14	7		270.0	270.0				
Woodbridge Street	Massachusetts Avenue	Locke Street	Akron Pipe	.....	15-12	.....	2		6	8		380.0	.....			

Table Showing the Comparison by Months of the Precipitation in Inches at Stony Brook Basin, Hobbs Brook Basin, Concord, and City Hall. Also the Number of Days in which Rain Fell at City Hall in 1939

Point of Observation		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Stony Brook Basin	Monthly precipitation	2.84	4.24	6.14	5.26	1.40	3.40	.71	4.80	1.51	2.61	3.65	3.48	40.04
Hobbs Brook Basin	Monthly precipitation	2.07	3.35	4.47	4.43	2.40	2.23	.43	3.75	1.67	4.48	.92	3.0	33.20
Concord	Monthly precipitation	1.96	3.49	4.18	4.70	2.21	2.34	.28	3.77	2.24	5.22	.93	2.99	34.31
City Hall	Monthly precipitation	2.18	3.79	5.23	4.54	1.29	2.70	.75	2.14	1.01	4.77	1.14	2.91	32.45
	Number of days in which rain fell	12	13	15	14	6	10	4	9	7	12	2	8	112

Permits have been granted private drain connections or repairs as follows:

For connection to sanitary sewers.....	38
For connection to combined sewers.....	26
For connection to storm sewers.....	23
For repairs.....	31
Total.....	118

A total number of 87 permits for connections and 31 for repairs.

METROPOLITAN SEWER TAX

Appropriation.....	\$115,555 42
Sinking fund requirements.....	\$3,985 41
Maintenance and operation.....	63,207 84
Interest account.....	16,139 17
Maturing serial bonds.....	32,223 00

SEWER CONSTRUCTION ACCOUNT

Appropriation.....	\$244,032 92
Expended.....	242,613 67
Balance.....	\$1,419 25

Expended

General expense*.....	\$4,557 69
New catch basins.....	1,098 94
Broadway sewer.....	8,835 36
Davis Street sewer.....	268 00
Commercial Avenue sewer.....	11,937 89
Windsor Street sewer.....	14,148 57
Creighton Street sewer.....	2,154 76
Rindge Avenue sewer.....	3,740 01
Sidney Street sewer.....	4,223 77
	<hr/>
	\$50,964 99

* Includes one-half the salary of Superintendent of Sewers.

The following amounts were the city's contribution to Works Progress Administration Projects on sewer construction, the city paying for all materials and tools and supplying all trucks, derricks, pumps, compressors cranes, and experienced labor.

Pleasant, Fairmont, Upton, Warland, Magazine, Chestnut, Cottage, River, Allston, Hamilton, Florence, Park, Prince Streets, and Putnam Avenue sewers.....	\$62,278 49
Hampshire and Cambridge Streets sewer.....	48,720 62
Woodbridge, Locke, Frank, Chester, Milton, Russell Streets, Meacham Road, Cameron and Massachusetts Avenues sewers.....	15,519 22

TABLE SHOWING RAINFALL AT STONY BROOK BASIN AT WALTHAM, AT HOBBS BROOK IN WESTON, AT CITY HALL, CAMBRIDGE AND AT CONCORD FOR 1939

Day of Month	JANUARY				FEBRUARY				MARCH				APRIL				MAY				JUNE				JULY				AUGUST				SEPTEMBER				OCTOBER				NOVEMBER				DECEMBER				Day of Month		
	Stony Brook	Hobbs Brook	City Hall	Concord	S. B.	H. B.	C. H.	Con.	S. B.	H. B.	C. H.	Con.	S. B.	H. B.	C. H.	Con.	S. B.	H. B.	C. H.	Con.	S. B.	H. B.	C. H.	Con.	S. B.	H. B.	C. H.	Con.	S. B.	H. B.	C. H.	Con.	S. B.	H. B.	C. H.	Con.	S. B.	H. B.	C. H.	Con.											
1	.09		.01		.05		T	.02			.08	.17		.83	T								T											.26	.40	.94	2.56			T				.03			1				
2	.04	.03	.01	.02		.10	.01	T					.75	.10	.56	.79																	.46	.01	.05	.05				.04	.92	.69	.76			2					
3		.09	.08	.02	.14		.47	.35					.16						T							.07		.01					.04	.26	.47	.08				.94	T	.34	.15			3					
4	.09		T	.06	.46		.05	.15		T	.02	T					.01	T	.02	T		.17	.29	.29				1.15	.55	.73			.35		.04	.11			.01							4					
5		.36							.01	.20	.02	T									.42					1.15					.14	.07	.66				.90	1.01	.67							5					
6	.40	.43	.71	.74		.15	T		.23	.10	.31	.34		.87	.97	.38											.05									.99			.17							6					
7	.48				.22	.08	.22	.24	.19				.99		.07	.39																	.04														7				
8					.06		T							T	T							T			T					.14	.18	.16		.03							T					8					
9									.41	.39	.40			.08	.09	.08		T	T	T			.24	T				T	T	T	.11			.05		.01	.04			T	T	T					9				
10		T	T	T			.23	.33	.51		.02	.04	.11	.04	.02	T						T	.03	T						.28	.15	.31									T			.37	.24	.03	10				
11					.58	.58	.22	.28		.32	.12	.01	.03	.60	.50	.07					.16		.16	T							.15			.02								.40	.10	.13	.46			11			
12					.05				.43	.96	1.44	.50	.70	.08	.17	.73																									.20						T	12			
13									1.88	.10	.57	.73	.08			.06						.92	T	T			.23			.12	.02	.15									T	T	T		.14	.07	.13			13	
14	.04	T	.01	.02					.53												.76	.01	.70	.44	.28	T	.37	.16	.07													.20							14		
15							.64	.26		.95	.35	.05	.08		.08	.09					.35	.09	T		.03																								15		
16					.58	.66	.04	.18	1.10		.87	.91		.75							.01	.33	.05	.09					.17																			16			
17							T	T	.09		T			.32	.12	T					.51	T	.47	.43				.34		.10	.65		T	T	T								.05	T	.08			17			
18			.02	T	.07				.95	.68	1.13	.86							T		.06																					.03						18			
19	.02	T	.01	.03		.14	.13	.18					.56		.66	1.05											.07	T														.01	T					19			
20		.05	T		.16		T	.07			T	T	.58									T	T	.02				.11	1.56	.56	1.49		.01	T								.02	.95	.96	.90			20			
21	.07	.09				.18	.06	T									.01	T		.02							2.12			T		.12		.10	.04					.01	T	.03	1.17						21		
22		.08	.19	.14	.19	T	.25	.14					.01	T	T	.01	.72	.25	.19	T	.22	.05	.29	.07											.08	T	.16	10										22			
23	.04				.09												.01				.22	.05	.29	.07											.02														23		
24	.16	.10	.03	.04		.02	T	T						T	.01	T	.22				.18	.04	T																										24		
25			.05	.06		.05				.11	T			.08							.15	.05	.19	.12	.04					.57	.35	.62																	25		
26	.04				.08	.69	.74	.72	.11		.10	.10	.19	T	.15	.11					.12				.01			.64		T	.05			.31	.18	.17	.19	.14	.15	.26								26			
27	.10				.71			.06	.02	.41	.05	.08	.05	T	T	.01																.44	.57	.25	.35	.08	.10	.05	.07									27			
28					.80	.70	.73	.51	.36	.15	.40	.38	.02		T			1.25	.43	.89												.28		.08	.53	.13	.02	.05	.14									28			
29		.12	T	.02					.08	.30							.44		.09	.51		.16	T		.04	.05	T	.03		.10	.11	.05											.40						29		
30	.10	.70	1.01	.65					.03	.46	.49	.47									.12	.35	.28	.88	.21	T	.09	.03	.13	.01	.35	.03	.36	.22	T	T							.39	.03	.47	.43			30		
31	1.17	.02	.05	.16					.57			T									.32				.10	.15	.08	.06	.17	T	.09	T													.06						31
Total	2.84	2.07	2.18	1.96	4.24	3.35	3.79	3.49	6.14	4.47	5.23	4.18	5.26	4.43	4.54	4.70	1.40	2.40	1.29	2.21	3.40	2.23	2.70	2.34	.71	.43	0.75	0.28	4.80	3.75	2.14	3.77	1.51	1.67	1.01	2.24	2.61	4.48	4.77	5.22	3.65	.92	1.14	0.93	3.48	3.10	2.91	2.99	Total		

Birds Pond, Cider Mill Pond and Blanchard Road sewer..	\$58,035 06	
Holden Street sewer.....	4,472 42	
Blackstone Street sewer.....	923 99	
Farrar Street sewer.....	1,520 88	
Trowbridge Street sewer.....	602 50	
Inman Street sewer.....	161 00	
		<hr/>
		\$192,233 58
Expenditures.....	\$243,198 57	
Refunds; gasoline tax, etc.....	584 90	
		<hr/>
Total expenditure.....		\$242,613 67

SEWER MAINTENANCE

Appropriation.....	\$33,694 70
Expended.....	33,565 05
	<hr/>
Balance.....	\$129 65

Expended

Catch basin repairs.....	\$1,150 46
Catch basin cleaning.....	6,317 00
Cleaning and repairing gates.....	1,216 50
Cleaning sumps.....	.....
Cleaning and flushing sewers.....	7,568 50
Repairing manholes.....	385 25
General expense, including vacations.....	14,031 90
Office expense.....	55 41
Salary, Superintendent of Sewers*.....	2,125 00
Sewer repairs.....	224 50
Yard and garage expense.....	490 53
	<hr/>
Total expenditures.....	\$33,565 05

* One-half salary Superintendent of Sewers charged to construction

REVENUE

Rent from house No. 37 Pilgrim Street for twelve months	\$96 00
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WATER WORKS

Water wasted over the Stony Brook Dam during the year was as follows:

1939	Gallons
January.....	221,111,000
February.....	360,010,000
March.....	315,798,000
April.....	836,423,000

May.....	200,179,000
June.....	3,950,000
July.....	
August.....	
September.....	
October.....	
November.....	
December.....	
	————— 1,937,471,000

The total amount of water passing over the dam during the year 1939 was 1,937,471,000 gallons. The total consumption of water during the year 1939 was 4,443,447,390 gallons.

The Engineering Department is organized as follows:

City Engineer
G. FRANK HOOKER

Deputy City Engineer
EDGAR W. DAVIS

Superintendent of Sewers
THOMAS P. O'NEILL

Secretary and Clerk
GENEVIEVE G. HANNON

Assistants
RAY L. COOLIDGE, Assistant Engineer, Assessments and Office Work
DONALD J. REARDON, Assistant Engineer, Office Assistant
EDWARD SMITH, Assistant Engineer, Field Work

Transitman
JOSEPH P. CARNEY

Draftsmen
EDWARD F. CARNEY
J. DONNELL SULLIVAN
JOHN H. CORCORAN
JOHN F. GLACKEN

Rodman
JOHN A. ALTIMAS

Respectfully submitted,

G. FRANK HOOKER,
City Engineer.

ANNUAL REPORT OF THE SUPERINTENDENT OF STREETS For the Fiscal Year Ending December 31, 1939

To the Honorable City Council:

In accordance with the provisions of Chapter 25 of the Revised Ordinances of the City of Cambridge, the annual report of the Superintendent of Streets for the year ending December 31, 1939 is hereby submitted. A summary and analysis of the expenditures of the Department follow:

GENERAL MAINTENANCE EXPENDITURES

A. Labor payrolls.....	\$199,970 17	
B. Service items.....	18,404 77	
C. Equipment items.....	314 66	
D. Supplies.....	13,408 77	
E. Materials.....	2,389 71	
F. Special items.....	3,455 10	
	<hr/>	\$237,943 18
Motor equipment		41,488 27
		<hr/>
		\$279,431 45

GARAGE AND SHOP ACCOUNT

A. Labor payrolls.....	\$27,998 53	
B. Service items.....	1,198 93	
D. Supplies.....	1,974 50	
	<hr/>	31,171 96

SANITARY ACCOUNT

A. Labor payrolls.....	\$229,973 84	
B. Service items.....	1,361 65	
D. Supplies.....	10,331 03	
F. Special items.....	1,531 27	
	<hr/>	243,197 79
		<hr/>
		\$553,801 20

ANALYSIS OF MAINTENANCE EXPENDITURES

Executive Office Expenses:		
Salary of Superintendent.....	\$4,250 00	
Salaries of office clerks.....	10,260 50	
Postage.....	25 00	
Advertising.....	31 25	
Freight and cartage.....	4 15	
Special stenographic fees.....	20 52	
Office supplies.....	433 00	
Furniture and fittings.....	10 40	
Water.....	30 00	
	<hr/>	\$15,064 82
<i>Amount carried forward.....</i>		<hr/>
		\$15,064 82

<i>Amount brought forward</i>		\$15,064 82	
General Maintenance Street Expenses:			
Repairing and Cleaning:			
Street cleaning payrolls	\$54,049 00		
Street repairing	95,936 00		
Road materials	1,990 26		
Hire of equipment	863 30		
		<hr/>	152,838 56
Maintenance, Motor Equipment:			
Outside labor	\$623 75		
Ford parts	442 88		
Reo parts	905 02		
Studebaker parts	46 14		
Tractor parts	410 59		
Gas roller parts	126 08		
Tires and tubes	1,452 79		
Gasoline and motor oil	3,598 88		
Registration fees	119 00		
Brake and light inspection	70 50		
Gas roller — labor outside	129 75		
Tractor — labor outside	39 50		
Batteries — miscellaneous stock items	173 71		
Sweeper			
Parts	\$2,000 88		
Labor	372 75		
		<hr/>	2,373 63
		<hr/>	10,512 22
Street Signs and Traffic Signals:			
Traffic paint	\$475 16		
Sign paint	350 00		
Brushes, paint shop supplies	171 00		
Steel plates for signs	252 47		
Iron pipe for signs	439 80		
Lumber	250 00		
		<hr/>	1,938 43
Miscellaneous:			
Lantern globes	\$24 00		
Electrical supplies	22 65		
Kerosene	34 00		
Hardware	190 31		
Boiler inspection	37 00		
Canvas covers	64 68		
Building material (Information booths)	270 52		
Moving	20 00		
Steam roller — repair	31 00		
		<hr/>	694 16
Snow Removal:			
Permanent labor	\$2,962 00		
Temporary labor	4,415 49		
Equipment hire	7,020 58		
Shovels	379 60		
Snow buttons	89 00		
Plow parts	810 00		
Snow loader	29 50		
		<hr/>	15,706 17
<i>Amount carried forward</i>		<hr/>	\$196,754 36

<i>Amount brought forward</i>		\$196,754 36
Tools and Equipment:		
Push brooms.....	\$130 00	
Picks and handles.....	55 00	
Sledge hammers, etc.....	38 01	
Push cart cans.....	81 25	
	<hr/>	304 26
Bridges:		
Drawtenders' salaries.....	\$35,473 88	
Light and power.....	1,207 79	
Fuel.....	137 86	
Lumber.....	128 93	
Repairing motor — Sixth Street Bridge.....	121 45	
	<hr/>	37,069 91
Workmen's Compensation:		
Compensation paid.....	\$3,455 10	
Medical supplies.....	44 55	
Medical services.....	315 00	
	<hr/>	3,814 65
Motor Equipment:		
2 1½T Ford express trucks and		
4 2T Ford Dump Trucks.....	\$8,108 40	
5 Ford coupes.....	3,596 00	
12 2T Ford dump trucks.....	16,919 52	
1 ½T Ford pickup truck.....	693 88	
2 Plymouth sedans.....	1,350 00	
2 Garbage collection trucks.....	4,941 78	
1 Allis Chalmers tractor.....	4,988 00	
Sideboards, grille and angle iron.....	890 69	
	<hr/>	41,488 27
		<hr/>
		\$279,431 45

GENERAL STREET MAINTENANCE AND REPAIR

This appropriation was expended for general maintenance of the Department, which includes street cleaning, maintenance of drawbridges, repairs to pavements, maintenance of equipment, upkeep of street signs and traffic equipment and general office expenses.

During the year the following equipment was purchased for use in street cleaning and general maintenance work. For maintenance work, four two ton dump trucks; street cleaning, one two ton dump truck, a one and one-half-ton express body truck for carrying lanterns, and a one-half-ton pickup body truck for general utility purposes. Two coupes and two sedans were also added for general use by the foremen. A new tractor, with bull dozer, was purchased. This is a very valuable addition to the equipment of the Department because of its general all year utility. During construction the tractor is used for grading, on

off seasons for levelling and grading at the dumps, and during snowstorms for plowing.

The two mechanical street sweepers in use by the Department since 1936 were completely overhauled and put in first class shape, and are now available for a number of additional years of service.

A PWA grant was received for the reconstruction of the First Street and Commercial Avenue drawbridges. Both of the bridges have been in a dangerous condition for the past several years. The contract for the rebuilding of the bridges was placed in the spring of 1939, and work commenced several weeks later. Work on the First Street Bridge was completed in October, 1939, and the Commercial Avenue Bridge was reopened for traffic early in December, although minor details of renovation continued to be worked upon for several weeks later. The Third and Sixth Street Bridges are still badly in need of renovation, and it is to be hoped that they may soon be placed in the same excellent condition as the First Street and Commercial Avenue Bridges.

Work on the Municipal Garage started in 1938 and was completed in June, and the building was dedicated and taken over for immediate occupancy. All the equipment of the Department with the exception of the tractors are now housed under one roof, and there has been a resulting increase in the efficiency of the Department. The financing of this building was handled through a PWA grant, the City contributing 55 per cent of the money, the balance furnished by the Federal Government.

GARAGE AND SHOP ACCOUNT

Pay roll	\$27,998 53	
Lighting	626 25	
Telephone	539 91	
Towel service	32 50	
Fuel	1,525 59	
Electrical supplies	110 00	
Janitors' supplies	190 00	
Paint and glass	100 00	
Hardware	49 18	
	<hr/>	\$31,171 96

This appropriation was used for the pay roll of the men regularly employed in the Hampshire, Raymond and New Street yards and shops, and for the general upkeep and maintenance of the buildings. The larger items expended, such as lighting, telephone and fuel, are more or less fixed charges and do not vary greatly from year to year.

COLLECTION OF ASHES

Foremen.....	\$6,708 00		
Chauffeurs.....	56,160 00		
Laborers.....	92,433 43		
		<hr/>	\$155,301 43
Truck hire.....		459 80	
Canvas.....		120 00	
Motor repair — labor.....		210 70	
Motor parts.....		2,271 31	
Motor fees.....		60 00	
Gasoline and oil.....		4,715 75	
Compensation payments.....		1,071 90	
Medical services.....		357 30	
Dump supplies.....		100 00	
		<hr/>	\$164,668 19

Construction was completed on an Incinerator, located at Raymond and Bolton Streets. This building was also financed through a PWA grant. A plant of this type has been needed greatly for a number of years, as the problem of the disposal of ashes and rubbish has become increasingly difficult. The Incinerator as completed is one of the most modern plants of its size and type in the country, and should solve the problem of the disposal of paper and rubbish. An open dump area is still maintained to handle ashes collected, ashes from the Incinerator and items such as large size metal pieces that cannot be consumed at the Incinerator.

During the year 31,654 loads of ashes were collected or a total yardage of 212,670. A total of 3,791 loads of paper and household refuse was collected. The following new equipment was purchased for use by the Ash Collection Division of the Department: a one and one-half-ton paper truck, eleven two-ton dump trucks for ash collection, and two coupes for use by foremen attached to this division.

COLLECTION OF HOUSE OFFAL

Foremen.....	\$2,652 00		
Chauffeurs.....	34,336 00		
Laborers.....	37,684 41		
		<hr/>	\$74,672 41
Motor repair — labor.....		90 70	
Motor parts.....		973 42	
Motor fees.....		30 00	
Gasoline and oil.....		2,021 04	
Compensation payments.....		459 37	
Medical service.....		153 15	
Tubs and handles.....		60 00	
Janitors' supplies.....		69 51	
		<hr/>	3,857 19
		<hr/>	\$78,529 60

During the year 8,907 loads were collected, averaging four and one-half cord feet per load. The offal as collected is immediately disposed of to a contractor at forty cents per cord foot. The total receipts for the year amounted to \$16,103.60.

The demand among the hog raisers for the offal still exceeds the supply, but this condition may not always remain, and eventually some mechanical method for the disposal of the offal will have to be made.

During the year two new garbage collection trucks were added to the equipment of the offal division, making a total now of twelve modern garbage collection trucks used exclusively for the collection of house offal. One new coupe was also purchased for the use of the foreman who is in charge of the division of this Department.

CONSTRUCTION ACCOUNT FOR 1939

During the year the Department expended a total of \$721,136.50 for construction work on streets. A summary of the manner in which this money was spent follows:

Pay roll		\$466,013 01	
Equipment Hire:			
Trucks	\$67,512 53		
Compressors	1,829 60		
Tractors	1,368 00		
Spreaders	1,312 93		
			72,023 06
Road Materials:			
Bituminous concrete	69,555 83		
Ready mix concrete	56,413 84		
Stone	15,358 33		
Steel	10,470 47		
Penetration asphalt	12,779 80		
Edgestones	2,738 37		
Brick	1,535 00		
Spacers	900 65		
Sand	657 57		
Cement	346 50		
Binder	33 91		
			170,790 27
Tools and Supplies:			
Gasoline	7,051 45		
Shovels	1,304 62		
Tools	1,185 91		
Lanterns and globes	561 34		
Lumber	581 63		
Miscellaneous	497 95		
Curing mats	453 20		
Coal	331 88		
Kerosene	199 50		
Inspection service	113 18		
Hardware	39 50		
			12,320 16
			<u>\$721,146 50</u>

The following breakdown will show the percentage of wages paid to the total amount expended for construction and the percentage of the total expended for equipment hire, road material and tools and supplies. It is interesting to note that the percentage of the total expended for payrolls remains generally constant over the years. However, the percentage expended for equipment hire has been lowered because of the new equipment used by the Street Department. This saving in expenditure for equipment has been distributed in an increased road material expense.

Payroll.....	64.62%	Road material.....	23.68%
Equipment hire...	9.99%	Tools and supplies.	1.71%

Among the principal streets resurfaced during the year were the following:

Allston Street.....	Rebuilt with Bituminous Concrete
Amherst Street.....	Rebuilt with Bituminous Concrete
Andrew Street.....	Rebuilt with Bituminous Concrete
Appleton Street.....	Rebuilt with Bituminous Concrete
Avon Hill Street.....	Rebuilt with Bituminous Concrete
Binney Street.....	Rebuilt with Reinforced Concrete
Blanchard Road.....	Rebuilt with Penetration Asphalt
Cambridge Street.....	Rebuilt with Bituminous Concrete
Cameron Avenue.....	Rebuilt with Bituminous Concrete
Carleton Street.....	Rebuilt with Bituminous Concrete
Channing Street.....	Rebuilt with Bituminous Concrete
Charles Street.....	Rebuilt with Penetration Asphalt
Chester Street.....	Rebuilt with Bituminous Concrete
Chestnut Street.....	Rebuilt with Bituminous Concrete
Chilton Street.....	Rebuilt with Bituminous Concrete
Clinton Street.....	Rebuilt with Bituminous Concrete
Commercial Avenue.....	Rebuilt with Reinforced Concrete
Concord Avenue.....	Rebuilt with Bituminous Concrete
Coolidge Hill Road.....	Rebuilt with Bituminous Concrete
Creighton Street.....	Rebuilt with Bituminous Concrete
Cushing Street.....	Rebuilt with Bituminous Concrete
Dale Street.....	Rebuilt with Penetration Asphalt
Day Street.....	Rebuilt with Bituminous Concrete
Decatur Street.....	Rebuilt with Bituminous Concrete
Dover Street.....	Rebuilt with Bituminous Concrete
Edmunds Street.....	Rebuilt with Bituminous Concrete
Eliot Square.....	Rebuilt with Bituminous Concrete
Fainwood Circle.....	Rebuilt with Bituminous Concrete
Fairmount Street.....	Rebuilt with Bituminous Concrete
Farwell Place.....	Rebuilt with Bituminous Concrete
Fayerweather Street.....	Rebuilt with Bituminous Concrete
Fern Street.....	Rebuilt with Penetration Asphalt
Florence Street.....	Rebuilt with Bituminous Concrete
Foster Street.....	Rebuilt with Penetration Asphalt
Frank Street.....	Rebuilt with Bituminous Concrete
Franklin Street.....	Rebuilt with Bituminous Concrete
Fresh Pond Avenue.....	Rebuilt with Bituminous Concrete
Garden Street.....	Rebuilt with Bituminous Concrete
Hamilton Street.....	Rebuilt with Bituminous Concrete

Hampshire Street	Rebuilt with Reinforced Concrete
Hasting Square	Rebuilt with Bituminous Concrete
Hayward Street	Rebuilt with Bituminous Concrete
Healey Street	Rebuilt with Bituminous Concrete
Hilliard Street	Rebuilt with Bituminous Concrete
Holmes Street	Rebuilt with Bituminous Concrete
Holworthy Street	Rebuilt with Penetration Asphalt
Hurley Street	Rebuilt with Bituminous Concrete
Huron Avenue	Rebuilt with Bituminous Concrete
Kenwood Street	Rebuilt with Bituminous Concrete
Lawrence Street	Rebuilt with Bituminous Concrete
Lee Street	Rebuilt with Bituminous Concrete
Lincoln Street	Rebuilt with Bituminous Concrete
Locke Street	Rebuilt with Bituminous Concrete
Magazine Street	Rebuilt with Bituminous Concrete
Market Street	Rebuilt with Bituminous Concrete
Massachusetts Avenue	Rebuilt with Bituminous Concrete
Meacham Road	Rebuilt with Bituminous Concrete
Milton Street	Rebuilt with Bituminous Concrete
Mount Auburn Street	Rebuilt with Bituminous Concrete
Norfolk Street	Rebuilt with Bituminous Concrete
Orchard Street	Rebuilt with Bituminous Concrete
Pilgrim Street	Rebuilt with Penetration Asphalt
Pleasant Street	Rebuilt with Bituminous Concrete
Porter Road	Rebuilt with Bituminous Concrete
Putnam Avenue	Rebuilt with Bituminous Concrete
Prince Street	Rebuilt with Bituminous Concrete
Regent Street	Rebuilt with Bituminous Concrete
Reservoir Street	Rebuilt with Bituminous Concrete
Rogers Street	Rebuilt with Bituminous Concrete
Russell Street	Rebuilt with Bituminous Concrete
Saint Mary's Road	Rebuilt with Bituminous Concrete
Second Street	Rebuilt with Bituminous Concrete
School Street	Rebuilt with Bituminous Concrete
Soden Street	Rebuilt with Bituminous Concrete
Sparks Street	Rebuilt with Bituminous Concrete
Talbot Street	Rebuilt with Bituminous Concrete
Thorndike Street	Rebuilt with Bituminous Concrete
Trail Street	Rebuilt with Bituminous Concrete
Union Street	Rebuilt with Bituminous Concrete
Upton Street	Rebuilt with Bituminous Concrete
Valentine Street	Rebuilt with Bituminous Concrete
Wadsworth Street	Rebuilt with Bituminous Concrete
Ware Street	Rebuilt with Bituminous Concrete
Washington Street	Rebuilt with Bituminous Concrete
Watson Street	Rebuilt with Bituminous Concrete
Whitney Street	Rebuilt with Bituminous Concrete
Wilbur Street	Rebuilt with Bituminous Concrete
Willard Street	Rebuilt with Bituminous Concrete
Windsor Street	Rebuilt with Bituminous Concrete
Woodbridge Street	Rebuilt with Bituminous Concrete
Yorke Street	Rebuilt with Bituminous Concrete

Details of construction costs on the above streets are not submitted, as they would be too voluminous.

A great deal of additional work was placed on the Department resurfacing cuts and trenches made by the Water and Sewer Departments.

During the year the Department, with the assistance of the WPA, completed a long list of granolithic sidewalks. These sidewalks were laid upon petition of the abutting owners at a cost to the abutters of twelve cents per square foot. This charge covers the average actual cost of the material used. The labor is performed by WPA workmen under the direct supervision of Street Department foremen. The Department paid in the City Treasury the sum of \$4,356.06, received from sidewalks which were completed. This money was returned to the Department for use on other projects. 36,300.5 square feet of granolithic sidewalk were laid during the year, and this work is to continue into the next year.

There was also a long list of edgestones and new driveways completed during the year.

A great deal of additional work was placed on the Department in repairing the damage to sidewalks and streets caused by the hurricane of the previous year.

In closing this report, I must express my appreciation of the assistance of His Honor, the Mayor, the City Council and the various other Department heads, without whose whole-hearted coöperation the success of the year's work could not have been accomplished.

Let me also publicly thank the workers throughout the Department for their share in the year's work generally.

Respectfully submitted,

JAMES F. MAHONEY,
Superintendent of Streets

REPORT OF THE BRIDGE COMMISSIONER
For the Boston and Cambridge Commission

EXPENDITURES

Wages.....	\$1,860 00
Light and power.....	2,398 78
Printing.....	10 37
Retirement system.....	877 00
	<hr/>
	\$5,146 15

The usual maintenance and policing were carried on this year. No major projects of repair work are needed at this time as the bridges are generally in good repair.

FORTY-SEVENTH ANNUAL REPORT OF THE BOARD OF PARK COMMISSIONERS

Cambridge, December 31, 1939.

To the Honorable City Council:

The Board of Park Commissioners has the honor to submit its forty-seventh annual report for the fiscal year ending December 31, 1939. It is worthy of note that included in the many activities of the Department during the year two major WPA projects, the Golf Club House at the Patrick J. Delaney golf course, and the Boardman School Recreation Center, have progressed well towards completion. Both were pre-dedicated by His Honor, Mayor Lyons, in October. Detailed information as to activities of the two departments, in charge of the Commission, is to be found in the reports of the General Superintendent of Parks and Superintendent of Recreation, Mr. Stephen H. Mahoney.

Respectfully submitted,

MICHAEL F. SCANNELL, *Chairman*
JOHN J. McBRIDE,
JOHN A. SPENCER,
JOSEPH GUINEY,
CARROLL W. DOTEN,
JESSIE W. BROOKS,
JEREMIAH J. COUGHLAN,
MAURICE M. CORKERY,
SAMUEL W. PILL,

Board of Park Commissioners.

REPORT OF GENERAL SUPERINTENDENT OF PARKS

To the Board of Park Commissioners:

I herewith submit the annual report for the year ending December 31, 1939. In conformity with the ordinances of the City, this report contains a statement of the condition of the property which is under the control of the Board of Park Commissioners. Also included are a summary of the work accomplished during the year and recommendations for consideration by the Board.

WORKS PROGRESS ADMINISTRATION PROJECTS

In addition to the improvements made on departmental property during the few previous years, several projects were operated in 1939 which either have provided or will when completed provide better facilities for the Department. The projects in operation during 1939 were:

Construction of fence, bleachers and pool at J. J. Ahern Playground.

Construction of bleachers at Russell E. Hoyt Playground.

Construction of wading pool at Rindge Field.

Re-surfacing part of Cambridge Field.

Renovation of Boardman School.

Erection of new Golf Club House.

Construction of tennis courts at Cambridge Field.

Census and survey of shade trees.

Tree surgery, removals and planting.

Moth scouting.

Improvements at Public Library grounds.

Other projects which have been approved but not yet in operation are:

Construction of concrete bleachers at Rindge Field.

Repairs and extension to sundry fences.

CO-OPERATION OF NATIONAL YOUTH ADMINISTRATION

The local unit of the National Youth Administration assigned groups of young men to the Department at various

times during the year. These young men working under the direction of regular departmental employees rendered valuable assistance, particularly in providing facilities for recreational activities. Examples of departmental projects in which they assisted are:

Repairing and placing of toboggan slides.

Spraying and cleaning skating rinks.

Repairing swing frames.

Repairing wading pools.

Making wire guards and poles for trees.

Digging trenches for electric conduits, drains and water supply at Golf Club House.

Preparing field and properties for play pageant.

CAMBRIDGE COMMON

The hurricane of 1938 injured a large number of the trees on the Common. Last spring it was necessary to remove about twelve trees and to repair several others. Twenty new trees were planted. Two hundred shrubs, donated by the Cambridge Plant Club, were planted along the Garden Street and Massachusetts Avenue sides.

The lawns and walks were cared for as usual and minor repairs made to the fence. A group of young men assigned by the National Youth Administration painted the fence. The playground section was prepared and marked for seasonal athletics and a skating rink maintained during the winter.

The fence which surrounds the Soldiers' Monument is in poor condition and should be replaced as soon as possible.

LONGFELLOW PARK

No major improvements were made at this park in 1939. The trees, shrubs, lawns and walks were kept in condition by the regular caretaker.

CITY HALL GROUNDS

All efforts to maintain the appearance of the grounds at City Hall are nullified by the unrestricted use of the lawns by children. The grounds at present are in poor condition and should be re-graded, seeded and planted. I recommend that when such

improvements are made, an ornamental iron fence be erected on top of the granite curbing in order to prevent trespassing on the lawns.

PUBLIC LIBRARY GROUNDS

A new curbing was set along the westerly side of the grounds to prevent encroachment of automobiles on the lawn. The granolithic walks and driveway were repaired, new shrubs planted and the entire Cambridge Street side of the grounds was re-graded and re-seeded. Two large poplar trees which had been badly injured by the hurricane in 1938 were removed. All of these improvements were made under a WPA project secured for the purpose.

EDWARD J. SENNOTT PARK

This park, formerly Broadway Common, is in need of extensive improvement. Despite repeated efforts to maintain lawns and shrubbery, the appearance of this area continues to be unsightly. The fences are also in need of repair or reconstruction. Application has been made for a WPA project for this latter purpose.

I suggest to the Board that a wading pool for children be located on the Norfolk Street side of this park and that at least one tennis court be constructed on the area.

OTHER PARK AREAS

Dana Square is at present in fair condition, but there is immediate need for a new fence on the side adjoining the Willard School lot and for repairs to the remaining sections of the fence. Application for a project to make these improvements has already been made.

Hastings Square has been cared for as usual, but because it is unenclosed, it is difficult to maintain the grounds in good condition.

I recommend that the fence and grounds at **Winthrop Square** be given attention in any future consolidated project submitted to the WPA authorities.

Fort Washington is in relatively better condition than it was before the extensive work was done there a few years ago. The impossibility of reserving this site for park purposes, however, will frustrate all effort to maintain its proper appearance.

RUSSELL FIELD

As I reported last year, this field, which is the athletic field for the high school teams, is rapidly deteriorating from its former condition. The playing surface and the running track have had very little attention for several years. The stands, despite constant attention, are now in dangerous condition and the field house is in need of extensive repairs and enlargement.

I urge the necessity of making these improvements at **Russell Field** at once, if the field is to be continued for use by the school teams. Because some of the members of the Board have expressed the opinion that the extensive area at **Rev. P. H. Callanan Playground** should be developed as an athletic field for the school teams, I urge that a decision be made as soon as possible; otherwise, the City will be greatly handicapped for the coming year.

LARGER PLAYGROUNDS

Rindge Field

The improvements made at this field during the past few years have been of great service to many thousand patrons. The athletic field which was re-opened the past summer was in constant use and the tennis courts and new wading pool attracted large numbers of users. Work on the new concrete bleachers, a WPA project, is scheduled to start within the next few weeks. There is need for a project to make several repairs in the building, particularly in the handball court and locker rooms.

Cambridge Field

Three new tennis courts were constructed at this field during the year, thus providing the only courts available in the entire eastern section of the City. The new wading pool, which was installed the previous year, was in use for the first time to the delight of hundreds of children in the district.

The second half of the playing field was re-graded and loamed in the fall, but the advent of the winter prevented its being seeded until next spring. The front lawns have been re-graded, loamed and seeded and new walks laid out.

I again urge the need for facilities for indoor recreation at this field. At the time of submitting this report, a WPA project is being prepared for the complete renovation and repair of the

present building and the construction of a new wing to provide facilities for a community recreation program.

Russell E. Hoyt Playground

As part of a consolidated project of the Works Progress Administration, two large sections of concrete bleachers were completed at this field during the year. This improvement has made Russell E. Hoyt Playground one of the busiest in the community, the demand for athletic permits being in excess of the opportunities to use the field.

The recreation building should be thoroughly renovated, the shower and locker rooms and the floor of the basketball court now being in poor condition. The constant use which the building receives throughout the year is the reason for the present condition.

John J. Ahern Playground

The new concrete bleachers, work on which was started late in 1938, were completed last spring. This improvement, together with the extensive work done at this field the previous year, has resulted in making the playground a fine athletic field. To complete the facilities there, I recommend the construction of a small field house with toilet facilities, a store room for equipment and dressing rooms for athletic teams.

Timothy F. Corcoran Playground

This greatly patronized playground should have a small field house with toilet and storage facilities. The ice-skating conditions at this field have been so good that hundreds of children and adults have patronized the rink during the past few winters.

Fresh Pond Playground

This large area should be improved by filling the northeasterly corner and re-locating the baseball diamond, constructing tennis courts and installing a wading pool. To protect children from the traffic along Huron Avenue, a fence should be erected on that side of the playground.

Rev. P. H. Callanan Playground

At the time of submitting this report, no definite decision has been made as to the development of this very large play space. Because of the need for more space for athletic games,

particularly by adult patrons, I recommend early action toward the improvement of this area along the lines suggested by me in the annual report of 1938.

SMALLER PLAYGROUNDS

A set of eight swings for small children was placed at **Norfolk Street Playground** this year. The grounds, pool, walks and trees were cared for during the year.

Corporal Burns Playground is in good condition, but a project for repairing and painting the building should be undertaken soon if the property is to be properly maintained.

The school yard playgrounds at the **Fletcher, Peabody, Morse, Sleeper** and **Lowell** buildings were cleaned and cared for during the year. Some of the fences surrounding these areas are in need of repair and paint.

The small playground at **St. Mary's Road**, while intended for small children only, is frequented by larger boys. Considerable damage has been done to the seats and open shelter during the past year.

GOLF COURSE

At the time of submitting this report, the course is disarranged and unsightly because of the installation of a large sewer from Huron Avenue to the junction of Concord Avenue and Blanchard Road. This work, which is being done under the sponsorship of the Engineering Department, is scheduled for completion before the opening of the next playing season. There are several improvements to the playing surface which are desirable, the most important of which is the completion of the fifth fairway. The third and ninth greens were rebuilt during the past year.

A new club house is being erected under a WPA project on the site of the former practice tee opposite the present temporary building. The corner-stone for this structure was placed in position by Mayor John W. Lyons with appropriate ceremonies on Sunday, October 29, 1939. This building, which is to be known as the Edwin H. Hall Recreation Center, in memory of the late Professor Hall who took such a prominent part in the provision of the municipal golf course, will greatly improve the course and its patronage. I recommend that the schedule of fees at the course be re-arranged upon the completion of the building.

BATHING BEACHES

The usual work was done at Jerry's Pit in preparation for the bathing season. Further comment on this and the other bathing places is contained in the report of the Superintendent of Recreation.

SHOP FACILITIES

In this report I desire to call attention to the urgent need for shop, storage and garage facilities for the Park Department. The present quarters at the Raymond Street Yard are entirely inadequate and unsafe. The building is beyond possibility of repair, is without water and electric light service and has insufficient facilities for the Department whose functions have increased considerably in recent years. At the present time, the building is so insecure that the Department has suffered the loss of many tools and supplies through breaking and entering the premises at night. I urgently recommend that the Mayor and City Council be requested to provide funds to renovate a portion of the building formerly occupied by the Street Department at Raymond Street.

FORESTRY AND MOTH WORK

Because of the loss of so many of the public shade trees during the hurricane of September 21, 1938, seven hundred and fifty Norway maple trees and two hundred and fifty American elm trees were planted in the streets and public areas during the spring of 1939. This extensive planting was done by the personnel of the WPA tree project under the direction of the employees of the Forestry Division. During the past year also the results of the hurricane were further manifested by the large number of trees which, though not uprooted at the time of the storm, were damaged and weakened to such an extent that extensive surgery was required. In many instances, the damage was so great that the trees had to be removed to insure safety to persons and property.

As a result of the work done on the public trees in Cambridge during the past few years by the men working on the WPA tree project under the supervision of our regular employees, it has been possible to keep the trees in good condition. Hundreds of trees have been removed, new trees planted, cavities cleaned and filled and dangerous limbs removed.

The usual inspection of public trees and private trees and

estates was made during the winter for the purpose of eliminating the nests of the gypsy and brown-tail moths. At the same time many tussock-moth nests were creosoted. The infestation from these species of pests in recent years has not been very great. On the other hand, the damage done by the oriental hag-moth during the late summer has been much greater during the past few years. Since the only practical method of combating these moths is by spraying, and since their spread is very rapid, a very intensive spraying campaign is necessary each season in order to prevent their infestation. Because of the congested conditions in our City, it is important that adequate spraying equipment be provided to cope with the moth situation.

SCHOOL BATHS

Public shower baths have been operated at the Thorndike, Fletcher, Roberts and Haggerty school buildings on schedules adapted to the patronage of the respective districts. I beg to call to the attention of the Board the difficult situation involved with respect to repairs to the equipment at these baths. Because the baths are located on premises controlled by the School Department, no allowance has been made in the finances of the Park Department for expenditures to repair or replace any equipment. As time elapses the need for such replacement or repairs becomes more urgent.

CONCLUSION

In terminating this report, I beg to call to the attention of the Board the extent to which the Department has grown in recent years. The acquisition of the golf course and the new facilities obtained through Federal projects, together with the maintenance and improvement of facilities previously acquired, have greatly increased the duties of administering the Department while the maintenance costs have been kept relatively low. It must be realized that there will of necessity be required an increase not only in personnel but in the allowance for equipment and supplies, if the property of the Department is to be maintained properly.

I am appreciative of the coöperation of the Board of Park Commissioners during the year, and commend the employees who have worked loyally to make the Department efficient in its service to the public.

FINANCIAL STATEMENT
January 1, 1939 through December 31, 1939
MAINTENANCE, GENERAL

Personal Service

Administrative salaries.....	\$1,916 00
Permanent employees.....	56,547 04
Temporary employees.....	2,144 00
Total.....	<u>\$60,607 44</u>

Service other than Personal

Printing and binding annual report.....	\$27 97
Postage.....	19 00
Express charges.....	2 44
Lighting shelters.....	343 30
Lighting playgrounds and parks.....	943 04
Rental water cooler.....	44 00
Telephone service.....	176 04
Repairs automobiles.....	137 00
Extermination pests at shelters.....	22 50
Inspection boilers at shelters.....	20 00
Service not otherwise coded.....	548 21
Laundering towels.....	294 09
Total.....	<u>\$2,577 59</u>

Equipment

Furniture.....	\$15 00
Tools and instruments.....	109 68
New oil burner, Corporal Raymond Burns Shelter.....	410 00
Total.....	<u>\$534 68</u>

Supplies

Office.....	\$154 77
Fuel.....	3,367 42
Cleaning.....	235 84
Recreational.....	31 80
Gasoline and oil.....	326 08
Chemicals and disinfectants.....	66 22
Supplies not otherwise coded.....	1,116 64
Parts, motor vehicles.....	230 39
New towels.....	125 40
Total.....	<u>\$5,654 56</u>

Special Items

New burner, Russell Field Shelter.....	\$442 00
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WPA Projects

Trimming trees, filling cavities, etc.....	\$5,802 34
Tree Census.....	76 37
John J. Ahern Field improvements.....	6,317 68
Boardman School Center.....	23,702 33
Golf Club House.....	20,638 61
Architect's fee, Golf Club House.....	600 00
Rindge Field improvements.....	800 78
Cambridge Field improvements.....	8,008 01
Architect's fee, Cambridge Field Shelter.....	601 32

Russell E. Hoyt bleachers.....	\$7,281 51
Public Library grounds.....	2,856 79
Total.....	<u>\$76,685 74</u>

MAINTENANCE, FORESTRY**Personal Service**

Permanent employees.....	\$19,847 01
Temporary employees.....	150 00
Total.....	<u>\$19,997 01</u>

Service other than Personal

Advertising.....	\$5 40
Postage.....	2 70
Repairs and care, motor vehicles.....	82 20
Care injured employee.....	4 00
Services not otherwise coded.....	15 40
Repairs spraying machine.....	19 65
Total.....	<u>\$129 35</u>

Supplies

Office.....	\$32 74
Gasoline and oil.....	155 84
Chemicals.....	143 63
Supplies not otherwise coded.....	193 25
Parts, motor vehicles.....	102 26
Total.....	<u>\$627 72</u>

WPA Projects

Moth extermination.....	\$147 94
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Materials

Highway, oil for laying dust.....	\$439 23
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MAINTENANCE, GOLF COURSE**Personal Service**

Permanent employees.....	\$3,816 00
Temporary employees.....	7,760 00
Total.....	<u>\$11,576 00</u>

Services other than Personal

Express charges.....	\$73
Lighting shelter.....	21 05
Telephone service.....	48 00
Motor vehicles, repairs and care.....	35 00
Service not otherwise coded.....	28 72
Total.....	<u>\$133 50</u>

Equipment

Tools.....	\$300 00
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Supplies

Office.....	\$87 01
Cleaning.....	7 58
Agricultural.....	178 00
Gasoline and oil for motor vehicles.....	85 37

Supplies not otherwise coded.....	\$236 94
Motor vehicles, parts.....	24 42
Total.....	<hr/> \$619 32

MAINTENANCE, SCHOOL BATHS

Personal Service

Permanent employees.....	\$3,848 50
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Service other than Personal

Express charges.....	\$ 73
Laundrying towels.....	312 44

Total.....	<hr/> \$313 17
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Supplies

Cleaning.....	\$98 49
New towels.....	107 50

Total.....	<hr/> \$205 99
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Respectfully submitted,

STEPHEN H. MAHONEY,
General Superintendent of Parks.

January 1, 1940.

REPORT OF SUPERINTENDENT OF RECREATION

To the Board of Park Commissioners:

I herewith submit the report of the activities of the Recreation Division for the year ending December 31, 1939. This is the seventeenth report of the Division and likewise the seventeenth report which I have been privileged to submit.

It is with satisfaction that I can inform the Board that the year just closed has been the most successful period for the Department during the past decade. The greater and improved facilities which have been secured recently, together with the provision for more leadership, have enabled the Recreation Division to restore some of the activities which were omitted in previous years because of a lack of facilities and insufficient appropriation for leadership.

While much progress has been made, there is still a need for development of our municipal recreation program in certain directions if Cambridge is to insure the physical, mental and moral welfare of its people. Provision by the community for the wholesome use of the leisure time of its members is rightly recognized everywhere as essential to its welfare. The changed standards of living, the growth of urban population, the intensive development of a new social order, the ever-increasing traffic menace — all of these and other factors have made provision for recreation a most important service in the community program. While recognizing the fact that increased service necessarily involves increased expenditure, there can be no doubt that the relatively small cost of such service is an investment in social welfare, for the omission of adequate recreational service will inevitably result in far greater expenditures in an effort to restore the victims of this omission to physical, mental or moral health in hospitals, asylums or correctional institutions. It is not necessary to argue as to the per capita cost to the City for recreation appropriations in contrast to the cost of these attempted remedies.

The playground and athletic program is a well-established service in Cambridge. The large participation in the activities conducted for men and boys in the various leagues and tournaments conducted by the Department is a testimony of the scope of this program. One of the greatest needs at this time is the

development of a program adapted to the leisure-time needs of women and girls. This will necessitate careful planning as to facilities and activities as well as provision for trained leadership in this field. It is the intention of the Department to devote much attention to this phase of the recreational program during the coming year.

A second desirable expansion is the promotion of more programs which involve social and cultural activities. Such activities as music, drama, dancing and handcraft should be made available to groups throughout the City. Aside from their intrinsic value, these programs afford excellent opportunity for social contacts and develop a closer neighborliness among their participants. I hope it will be possible to develop such programs during the year ahead.

A most successful method of conducting many phases of recreational activity is through club organization. Our own experience in dealing with groups has proved that this form of organization has a threefold advantage — it unifies the groups which have common recreational interests, it provides the benefits of self-conducted activities and it develops leadership. Where facilities are available for meetings of such clubs, this type of organization should be encouraged. The aim of the Department recently has been to conduct its activities through these groups.

To properly provide the recreational programs outlined in the preceding paragraphs — and these represent the modern trends in community recreation — the City must make available more indoor facilities. The three buildings which have been used by the Department in recent years were constructed primarily for athletic purposes, and, except to a small degree, are not suitable for activities of a social or cultural nature. The new unit which is soon to be opened at the Boardman School is the first recreational building in the community which is adapted for general recreation use. I urgently recommend that the Board confer with the Mayor and the School Committee for the purpose of formulating a plan whereby greater use can be made of school buildings for recreational use. The plan will require considerable study and will necessitate inter-departmental arrangements as to sharing the expenses of operating the buildings.

PLAYGROUNDS

The following grounds were supervised during 1939:

Cambridge Field, Rindge Field, Russell E. Hoyt Field, John J. Ahern Playground, Fresh Pond Playground, Rev. P. H. Callanan Playground, Timothy F. Corcoran Playground, Outer Russell Field, Cambridge Common, Corporal Burns Playground, Edward J. Sennott Park, Granite Street Playground,* Lowell School Playground, Peabody School Playground, Fletcher School Playground, Morse School Playground and High School Playground.

Most of these areas were supervised during the entire summer and after school sessions in the spring and fall. The athletic fields were also under supervision on Saturdays, Sundays and during twilight periods. The personnel for directing the program was supplied from the municipal staff, the Works Progress Administration and the National Youth Administration. Both of the Federal agencies worked in coöperation with regular departmental employees, the whole program being directed by the Superintendent of Recreation.

Activities were conducted for both children and adults, baseball, softball, batball, soccer, basketball, tennis, quoits, dancing, dramatics, and a variety of handcraft were included in the playground program. Inter-playground competition was provided for boys, girls and men in many of the athletic activities. Two adult twilight leagues of ten teams each were a feature of the summer season. Three softball leagues were also organized — two from the several districts of the City and one being composed of eight of the industrial firms located in Cambridge. These five leagues involved the playing of 370 games, the number of players participating being approximately 750. In addition to these scheduled league contests, more than 250 other games were played by independent teams on permits issued by the office. Football, soccer and tennis permits were also issued to hundreds of persons during the respective seasons.

The summer playground season was closed with a pageant at Rindge Field, the children from all of the playgrounds participating. Before a group of several thousand people a program of dramatics, dancing, games and tableaux depicting the successive

* On property of Metropolitan District Commission.

periods in American history was presented. The costumes and properties necessary for the pageant were made as handwork projects on the respective playgrounds.

RECREATION CENTERS

The buildings at Rindge Field, Corporal Burns Playground and Russell E. Hoyt Playground were operated for evening programs five evenings each week during the winter months, and the Roberts, Thorndike and Russell Schools were opened three evenings each week for similar activities.

In addition, because of the availability of WPA supervision the departmental buildings were used for day-time activities also, thus providing opportunity for activities for unemployed youth and for children's classes after the school sessions. Handcraft, basketball, group games and boxing programs were featured in these groups.

BATHING BEACHES AND WADING POOLS

Life-guard supervision was again maintained at Gerry's Landing on the Charles River, Jerry's Pit in North Cambridge and at the Broad Canal near Sixth Street. Despite the large patronage at these three locations, the conditions for swimming and bathing are far below standard. None of the three places is equipped with bath-house and toilet facilities, the result being the necessity for many of the patrons to dress in secluded places nearby. In addition, the shores are not properly graded or sanded and in at least two of the locations there are dangerous holes beneath the surface of the water.

It is imperative that these places be improved if bathing is to be continued at them. Under present conditions not only physical safety but health and morals are jeopardized. I recommend that the Board renew its effort to have the Metropolitan District Commission provide a bath-house and improve conditions at Gerry's Landing, and confer with the same Commission relative to better provisions for swimming in the lower end of the City, thereby eliminating the use of the Broad Canal. The Board should also seek to have conditions at Jerry's Pit improved as soon as possible.

The six new wading pools which were installed on the playgrounds have been greatly patronized. I believe that similar pools should be placed on some of the other playgrounds.

OUTDOOR WINTER RECREATION

Nine skating rinks were supervised during the year 1939. The popularity of skating among adults and children warrants the provision of facilities in every section of the City.

The toboggan slides at Fresh Pond were again in operation whenever snow conditions made their use possible. The slopes on the borders of the Golf Course were utilized by many residents for skiing.

GARDENING

Under the direction of a supervisor assigned for the purpose, back-yard gardens were again cultivated by approximately four hundred children. This activity of the Recreation Division has become well established in the community and is one of the features of the summer program. Thousands of young people have experienced the satisfaction of working on flower and vegetable gardens and have made a profitable use of their leisure time. Products from the gardens in Cambridge obtained awards for twenty-one of the local participants at the annual exhibit of the Massachusetts Horticultural Society in August. Acknowledgment is hereby made of the coöperation of the School Department and the Cambridge League of Women Voters in the garden program, the former for permitting the enrollment of the children and the latter for providing the seed for the gardens and awarding the Helen Cabot Almy prizes to the children who were adjudged winners in the local garden contest.

GENERAL

Two Works Progress Administration projects were sponsored by the Recreation Division during the year. One project with an average personnel of twenty-three employees worked directly under the supervision of the Superintendent of Recreation, and the persons assigned to the project were assigned as leaders of several units in the general departmental program. The second project provided recreational programs for sections of the colored population, the work being conducted among both children and adults.

Acknowledgment is hereby made of the coöperation received from the National Youth Administration in the periodic assignment of younger leaders who assisted in the operation of some of the playgrounds.

The annual Paddle Tennis Tournament was conducted at Cambridge Common during the month of August, more than four hundred boys and girls competing in the singles and doubles classes.

Adult tennis tournaments were conducted locally on the courts at Rindge Field, Russell E. Hoyt Playground and Corporal Burns Playground.

The Division again coöperated with the Department of Physical Education of the schools in providing opportunity for practice and games in baseball and basketball for the teams in the Public School Athletic League.

Assistance was also given the new Catholic Youth Organization connected with local parish units in arranging schedules for league competition in baseball and basketball.

Approximately twelve hundred boys from the playgrounds enrolled through the Recreation Division in the Knot Hole Gang sponsored by the Boston National League Baseball Club. Membership in the Gang entitles the boys to attend the home games of the Club during the season.

The Kiwanis Club of Cambridge for the third successive year donated prizes to the members of the winning baseball and softball teams in the several playground leagues, and also to the winners of the Paddle Tennis Tournament.

RECOMMENDATIONS

I herewith respectfully recommend to the Board the following matters, some of which have been mentioned earlier in this report:

Provision for promotion of women's and girl's activities.

Provision for indoor recreation activities at Cambridge Field.

Availability of more school buildings for recreation programs.

Early determination of plans for development of Rev. P. H. Callanan Playground.

Erection of small field houses at Timothy F. Corcoran Playground and John J. Ahern Playground.

Requesting the Metropolitan District Commission to provide

a bathhouse at Gerry's Landing and swimming facilities for the eastern section of the City.

Requesting the Metropolitan District Commission to provide a large athletic field and children's playground on land near Magazine Beach.

Conference with the Mayor and City Council relative to improving bathing facilities at Jerry's Pit in North Cambridge.

Improvement of Fresh Pond Playground.

FINANCIAL STATEMENT

January 1, 1939 to December 31, 1939

Personal Service

Administrative salaries.....	\$5,848 00
Permanent supervision.....	10,155 00
Part-time supervision.....	15,105 82

Total.....	\$31,108 82
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Service other than Personal

Postage.....	\$30 00
Rentals.....	192 50
Motor vehicle repairs and care.....	57 25
Service not otherwise coded.....	17 50

Total.....	\$297 25
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Supplies

Office.....	\$129 55
Medical.....	22 68
Educational and recreational.....	1,069 96
Gas and oil.....	62 18
Supplies not otherwise coded.....	9 61
Motor vehicle parts.....	96 99

Total.....	\$1,390 97
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Special

Colored recreation project (WPA).....	\$317 97
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Respectfully submitted,

STEPHEN H. MAHONEY,
Superintendent of Recreation.

December 31, 1939.

REPORT OF THE POLICE DEPARTMENT

Cambridge, Mass., January 1, 1940.

To His Honor the Mayor and the City Council:

In compliance with the City Ordinance I have the honor to submit the annual report of the Police Department for the year ending December 31, 1939.

ORGANIZATION OF THE DEPARTMENT

1 Chief.....	\$4,500 00 per year
5 Captains.....	3,000 00 per year
12 Lieutenants.....	2,750 00 per year
20 Sergeants.....	2,550 00 per year
192 Patrolmen.....	2,190 00 per year
25 Reserve officers.....	1,782 50 first year
	1,982 50 second year
	2,190 00 third year
1 Policewoman.....	2,190 00 per year
1 Civilian mechanic.....	2,400 00 per year
2 Police matrons.....	21 50 per week
2 Telephone operators.....	25 00 per week

DEPARTMENT ROSTER

Name	Rank	Date of Appointment
LEAHY, TIMOTHY F.,	Chief.....	September 6, 1898
CANNEY, JOHN J.,	Captain.....	May 28, 1901
DOUGLAS, ROBERT J.,	Captain.....	April 26, 1904
GINTY, WILLIAM B.,	Captain.....	March 24, 1903
KELLEY, JOSEPH,	Captain.....	April 3, 1906
SHANNON, JOSEPH H.,	Captain.....	May 24, 1904
BATEMAN, WELLINGTON D.,	Lieutenant.....	March 1, 1914
CURTIN, WILLIAM A.,	Lieutenant.....	January 13, 1909
DONELAN, CHARLES P.,	Lieutenant.....	June 10, 1919
KING, JOHN R.,	Lieutenant.....	July 2, 1921
LANDRIGAN, JAMES M.,	Lieutenant.....	June 20, 1911
LINEHAN, RICHARD J.,	Lieutenant.....	October 24, 1917
MAHER, EDWARD J.,	Lieutenant.....	April 1, 1915
MALLAHAN, CHARLES E.,	Lieutenant.....	March 1, 1914
McCARTHY, PATRICK J.,	Lieutenant.....	April 1, 1915
O'DELL, WILLIAM L.,	Lieutenant.....	June 10, 1908
READY, PATRICK F.,	Lieutenant.....	January 1, 1916
STOKES, THOMAS F.,	Lieutenant.....	August 1, 1913
BREEN, JOSEPH P.,	Sergeant.....	November 16, 1919
BRENNAN, DANIEL J.,	Sergeant.....	January 8, 1931
COOPER, STEWART F.,	Sergeant.....	February 28, 1928
CUNNINGHAM, MARK E.,	Sergeant.....	January 5, 1927
DYNAN, ANTHONY,	Sergeant.....	June 20, 1911

FINNEGAN, JOHN D., Sergeant.....	November	5, 1922
FITZMAURICE, ARTHUR J., Sergeant.....	March	1, 1929
GRAINGER, JOHN J., Sergeant.....	December	16, 1930
HOLT, CHARLES S., Sergeant.....	May	22, 1930
MAHER, WALTER L., Sergeant.....	April	6, 1925
MAHONEY, GEORGE J., Sergeant.....	December	28, 1897
McAULIFFE, THOMAS W., Sergeant.....	March	28, 1918
McMAHON, MICHAEL, Sergeant.....	April	25, 1905
NIXON, WILLIAM L., Sergeant.....	November	16, 1919
O'BRIEN, JOHN J., Sergeant.....	April	26, 1904
O'CONNOR, JAMES D., Sergeant.....	March	1, 1929
PATTEN, RAYMOND L., Sergeant.....	May	6, 1928
TIERNEY, EDWARD F., Sergeant.....	May	4, 1926
TRODDEN, ANDREW T., Sergeant.....	August	26, 1930
WARNOCK, CHARLES R., Sergeant.....	July	25, 1923
ACKERLY, JOHN M., Patrolman.....	December	12, 1906
ALDERMAN, ROBERT F., Patrolman.....	May	22, 1930
ANDERSON, WILLIAM, Patrolman.....	October	17, 1925
ANDREW, FRANK, Patrolman.....	June	26, 1906
ARTHUR, SAMUEL, Patrolman.....	September	23, 1923
AYLWARD, HENRY J., Patrolman.....	January	28, 1928
BAGAN, JOHN H., Patrolman.....	October	11, 1910
BANATT, WILLIAM A., Patrolman.....	September	13, 1928
BARRETT, JOHN P., Patrolman.....	May	3, 1928
BARRY, FRANCIS J., Patrolman.....	June	13, 1936
BARRY, MICHAEL, Patrolman.....	May	27, 1938
BATEMAN, JOSEPH W., Patrolman.....	June	13, 1936
BRADY, CHARLES H., Patrolman.....	February	26, 1931
BROWN, THOMAS D., Patrolman.....	June	13, 1936
BUCHANAN, GEORGE D., Patrolman.....	August	24, 1924
BURGESS, WALTER H., Patrolman.....	May	6, 1928
BURKE, THOMAS F., Patrolman.....	March	1, 1914
BURNS, ROBERT A., Patrolman.....	February	28, 1928
CAHALANE, JOHN, Patrolman.....	June	20, 1911
CALLAHAN, TIMOTHY J., Patrolman.....	October	24, 1917
CAMPBELL, EDWIN, Patrolman.....	December	16, 1930
CARROLL, THOMAS F., Patrolman.....	November	16, 1919
CASEY, AENEAS M., Patrolman.....	March	1, 1929
CLEARY, MARK J., Patrolman.....	October	24, 1917
CLORAN, PHILIP P., Patrolman.....	September	14, 1937
COFFEY, ARTHUR F., Patrolman.....	February	16, 1927
COLEMAN, DANIEL J., Patrolman.....	June	13, 1936
COLLINS, FREDERICK V., Patrolman.....	May	4, 1909
COLLINS, JOHN J., Patrolman.....	September	14, 1937
COSGROVE, JOHN F., Patrolman.....	December	25, 1917
COVELL, PAUL B., Patrolman.....	September	21, 1928
CREMENS, DENNIS J., Patrolman.....	March	1, 1929
CRONIN, MICHAEL F., Patrolman.....	November	23, 1926
CULHANE, ROBERT J., Patrolman.....	July	18, 1903
CUMMINGS JOHN F., Patrolman.....	May	5, 1908
CUNNINGHAM, JOHN F., Patrolman.....	May	24, 1925
CURTIN, PATRICK J., Patrolman.....	June	20, 1911
DALTON, GEORGE E., Patrolman.....	November	5, 1922
DELANEY, FREDERICK J., Patrolman.....	May	27, 1938
DELANEY, JAMES L., Patrolman.....	September	14, 1937
DONOHUE, JOHN J., Patrolman.....	May	3, 1924
DONOVAN, EDWARD J., Patrolman.....	March	1, 1915
DORAN, JOSEPH F., Patrolman.....	June	8, 1928
DOYLE, ARTHUR D., Patrolman.....	November	23, 1926
DWYER, EDWARD, Patrolman.....	May	4, 1904

DYNAN, LEO D., Patrolman.....	April	1, 1915
ELDRIDGE, BERNARD J., Patrolman.....	March	1, 1929
FABRY, FRANK J., Patrolman.....	May	5, 1908
FALVEY, JOHN H., Patrolman.....	January	28, 1914
FITZGERALD, JAMES D., Patrolman.....	January	4, 1930
FLYNN, EDWARD E., Patrolman.....	October	24, 1929
FLYNN, JOHN E., Patrolman.....	November	5, 1922
GAFFNEY, JOHN A., Patrolman.....	February	28, 1928
GALLAGHER, JEREMIAH J., Patrolman.....	April	26, 1910
GALLAGHER, RICHARD P., Patrolman.....	March	1, 1929
GANNON, JOHN J., Patrolman.....	June	13, 1936
GAUDET, JOHN J., Patrolman.....	December	25, 1928
GIBBONS, BERNARD J., Patrolman.....	May	27, 1938
GLENNON, EDWARD J., Patrolman.....	May	3, 1924
GORMAN, VINCENT J., Patrolman.....	July	21, 1929
GORMLEY, RAYMOND L., Patrolman.....	May	3, 1924
GORMLEY, WILLIAM G., Patrolman.....	June	10, 1919
GOULD, JOSEPH D., Patrolman.....	June	13, 1936
GRADY, JEREMIAH J., Patrolman.....	August	5, 1925
GRADY, JOHN J., Patrolman.....	September	14, 1937
GRINHAM, JOHN J., Patrolman.....	February	26, 1931
GUTOSKI, FRANK H., Patrolman.....	July	26, 1904
GUTOSKI, FRANK H., Jr., Patrolman.....	February	26, 1931
HALLICE, CHESTER E., Patrolman.....	June	13, 1936
HALLIDAY, HERBERT R., Patrolman.....	April	1, 1915
HALLISEY, WILLIAM F., Patrolman.....	January	9, 1928
HANLON, DANIEL L., Patrolman.....	October	29, 1924
HARNEY, THOMAS M., Patrolman.....	March	26, 1912
HARNEY, WILLIAM H., Patrolman.....	October	31, 1911
HEALY, JOHN J., Patrolman.....	May	27, 1938
HEALY, MICHAEL J., Patrolman.....	January	31, 1917
HENRY, FRANK S., Patrolman.....	May	4, 1909
HIGGINS, JOHN P., Patrolman.....	June	13, 1936
HILLIS, MALCOLM D., Patrolman.....	May	27, 1938
HOGAN, MARTIN, Patrolman.....	March	1, 1914
HORAN, JOHN S., Patrolman.....	November	5, 1922
HUGHES, MICHAEL F., Patrolman.....	May	4, 1926
HUGHES, ROY G., Patrolman.....	May	4, 1926
JACKSON, HARRY L., Patrolman.....	May	27, 1938
JOYCE, MICHAEL J., Patrolman.....	January	5, 1927
KEANE, CLIFFORD L., Patrolman.....	July	15, 1921
KEEFE, JAMES F., Patrolman.....	May	27, 1938
KEENAN, PAUL J., Patrolman.....	January	8, 1931
KELLEY, EDWARD B., Patrolman.....	June	13, 1936
KELLEY, EDWARD J., Patrolman.....	July	20, 1918
KELLEY, EDWIN L., Patrolman.....	March	29, 1918
KELLEY, JOSEPH B., Patrolman.....	October	24, 1917
KELLEY, JOSEPH J., Patrolman.....	November	23, 1926
KIEF, ARTHUR L., Patrolman.....	April	3, 1931
KILLION, WILLIAM T., Patrolman.....	July	27, 1930
LEARY, THOMAS, Patrolman.....	November	16, 1919
LEHAN, CORNELIUS J., Patrolman.....	June	27, 1926
LINDBERG, HORACE, Patrolman.....	May	4, 1926
LINEHAN, CHARLES H., Patrolman.....	November	5, 1922
LINEHAN, JOHN F., Patrolman.....	October	31, 1923
LYNCH, DAVID E., Patrolman.....	June	24, 1911
LYONS, PETER J., Patrolman.....	July	20, 1918
MAHONEY, CHARLES C., Patrolman.....	August	26, 1930
MAHONEY, JEREMIAH F., Patrolman.....	June	10, 1919
MAINS, HARRY, Patrolman.....	October	31, 1923

MARCKINI, ALFRED E., Patrolman	April	3, 1931
MARTIN, CHARLES O., Patrolman	November	23, 1926
McAULEY, WILLIAM, Patrolman	July	27, 1930
McCAFFREY, JOSEPH H., Patrolman	June	10, 1919
McCARTHY, GERALD F., Patrolman	June	13, 1936
McCARTHY, HENRY J., Patrolman	September	14, 1937
McCULLOUGH, FRANK C., Patrolman	March	17, 1913
McCULLOUGH, JOSEPH, Patrolman	June	20, 1911
McDONNELL, WILLIAM A., Patrolman	November	23, 1926
McGILLIVARY, JOHN J., Patrolman	September	30, 1930
McINTOSH, CLARENCE, Patrolman	September	13, 1928
McLAUGHLIN, FRANCIS A., Patrolman	March	21, 1911
McLAUGHLIN, FRANCIS J., Patrolman	November	23, 1926
McLAUGHLIN, FRANK P., Patrolman	July	21, 1927
McMAHON, EDWARD F., Patrolman	September	14, 1937
McMANUS, CHARLES F., Patrolman	October	17, 1925
McNAMARA, MATHEW J. F., Patrolman	July	20, 1918
MELLO, MANUEL G., Patrolman	October	2, 1908
MENTON, THOMAS J., Patrolman	November	2, 1922
MORRISON, CHARLES P., Patrolman	January	23, 1928
MORRISSEY, THOMAS J., Patrolman	March	1, 1914
MUELLER, WILLIAM A., Patrolman	September	30, 1930
MULLEN, DANIEL J., Patrolman	May	27, 1938
MULLEN, WILLIAM T., Patrolman	December	12, 1911
MULQUEENEY, JOHN P., Patrolman	April	26, 1910
MULVIHILL, JOHN F., Patrolman	March	1, 1914
MULVIHILL, MICHAEL F., Patrolman	May	27, 1938
MURPHY, EDWARD J., Patrolman	December	20, 1918
MURPHY, EDWARD L., Patrolman	April	1, 1915
MURPHY, JAMES F., Patrolman	September	14, 1937
MURPHY, JOHN P., Patrolman	September	14, 1937
MURPHY, JOSEPH F., Patrolman	September	14, 1937
MURPHY, PATRICK J., Patrolman	July	20, 1918
MURRAY, GEORGE F., Patrolman	May	3, 1924
MURRAY, WILLIAM L., Patrolman	June	6, 1923
NIXON, JAMES J., Patrolman	October	7, 1928
NORMILE, MICHAEL C., Patrolman	March	26, 1912
OAKLAND, FREDERICK W., Patrolman	July	21, 1929
O'BRIEN, DENNIS W., Patrolman	April	6, 1912
O'BRIEN, EUGENE J., Patrolman	May	7, 1927
O'CONNELL, FRANCIS W., Patrolman	September	14, 1937
O'CONNOR, JOSEPH, Patrolman	December	21, 1922
O'LOUGHLIN, THOMAS F., Patrolman	June	1, 1914
O'NEIL, FRANKLIN M., Patrolman	July	20, 1918
O'NEIL, MARTIN, Patrolman	November	5, 1922
O'NEIL, THOMAS J., Patrolman	May	3, 1924
PATTEN, LEONARD E., Patrolman	February	28, 1928
POWERS, FRANCIS W., Patrolman	August	24, 1924
POWERS, JOHN H., Patrolman	July	7, 1927
PRIOR, JAMES A., Patrolman	October	29, 1924
QUIGLEY, CHARLES F., Patrolman	June	10, 1918
QUINLAN, TERRANCE D., Patrolman	September	14, 1937
QUINN, JAMES F., Patrolman	December	4, 1924
READY, DANIEL J., Patrolman	May	6, 1925
REAGAN, JAMES F., Patrolman	April	26, 1910
RICE, JAMES F., Patrolman	October	31, 1923
RIENDEAU, JOSEPH L., Patrolman	March	1, 1914
ROBERTS, JOHN W., Patrolman	February	6, 1900
ROGAN, JOHN F., Patrolman	May	4, 1926
ROPER, GEORGE B., Patrolman	July	5, 1914

ROURKE, MARTIN J., Patrolman.....	May	27, 1938
RUSSELL, THOMAS R., Patrolman.....	September	14, 1937
RYAN, PHILIP J., Patrolman.....	June	24, 1928
SCANNELL, JAMES J., Patrolman.....	October	17, 1925
SCANNELL, WILLIAM P., Patrolman.....	April	3, 1931
SELFRRIDGE, GEORGE, Patrolman.....	March	2, 1931
SHANNON, THOMAS J., Patrolman.....	July	26, 1904
SHEA, EDWARD, Patrolman.....	September	14, 1937
SHEA, JAMES J., Patrolman.....	March	1, 1929
SHEA, PATRICK F., Patrolman.....	August	24, 1920
SILVA, JOHN M., Patrolman.....	May	27, 1938
SMITH, JOSEPH A., Patrolman.....	September	14, 1937
STONE, WILLIAM J., Patrolman.....	August	6, 1930
SUGHRUE, DANIEL F., Patrolman.....	September	14, 1937
TEEHAN, JOHN F., Patrolman.....	March	1, 1929
TEVLIN, JOHN J., Patrolman.....	April	26, 1910
TOOMEY, TIMOTHY J., Patrolman.....	October	24, 1917
TRANT, JOHN J., Patrolman.....	July	2, 1921
TURCOTTE, AMOS, Patrolman.....	March	26, 1912
WAIT, ALBERT J., Patrolman.....	November	16, 1919
WALLACE, JAMES H., Patrolman.....	October	17, 1925
WALSH, JOHN, Patrolman.....	December	12, 1906
WALSH, LAWRENCE, Patrolman.....	September	14, 1937
WHITE, JOHN M., Patrolman.....	October	17, 1925

RESERVE OFFICERS

Name	Rank	Date of Appointment
McLAUGHLIN, EDWARD A., Reserve Officer.....		September 14, 1937
FORD, JAMES J., Reserve Officer.....		May 27, 1938
RIORDAN, JOHN D., Reserve Officer.....		May 27, 1938
DONAHUE, FRANK J., Reserve Officer.....		May 27, 1938
McELROY, EDMUND C., Reserve Officer.....		May 27, 1938
BRODERICK, EDWARD C., Reserve Officer.....		May 27, 1938
DUGGAN, JOSEPH E., Reserve Officer.....		May 27, 1938
GALLIGAN, JOHN F., Reserve Officer.....		May 27, 1938
MacDONALD, PATRICK L., Reserve Officer.....		May 27, 1938
WALSH, THOMAS R., Reserve Officer.....		May 27, 1938
TRODDEN, WILLIAM F., Reserve Officer.....		May 27, 1938
WALSH, LEONARD F., Reserve Officer.....		May 27, 1938
ROSENBERGER, HENRY F., Reserve Officer.....		May 27, 1938
HURLEY, JOSEPH A., Reserve Officer.....		June 28, 1938
FRATTO, NICHOLAS J., Reserve Officer.....		December 4, 1938
GALVIN, VINCENT P., Reserve Officer.....		December 4, 1938
HOPKINS, LAWRENCE R., Reserve Officer.....		December 4, 1938
RILEY, JOHN J., Reserve Officer.....		December 4, 1938
SULLIVAN, CHARLES E., Reserve Officer.....		December 4, 1938
HAYES, F. JOSEPH, Reserve Officer.....		December 4, 1938
LYNCH, EDWARD W., Reserve Officer.....		June 29, 1939
GUTOSKI, LEO J., Reserve Officer.....		June 29, 1939
FOSTER, FRANCIS X., Reserve Officer.....		June 29, 1939
COSGROVE, DANIEL J., Reserve Officer.....		June 29, 1939
COGAN, CHARLES J., Reserve Officer.....		June 29, 1939

PENSIONERS

Patrolman Joseph T. Chant was appointed November 23, 1936, and was pensioned January 24, 1939.

Patrolman Francis L. Duggan was appointed February 28, 1928, and was pensioned February 16, 1939.

Patrolman Frederick D. Gardiner was appointed December 29, 1925, and was pensioned September 21, 1939.

Patrolman Cornelius Sheehan was appointed June 2, 1903, and was pensioned November 29, 1939.

IN MEMORIAM

LIEUTENANT CHARLES WYMAN

Appointed May 3, 1898Died May 20, 1939

PATROLMAN JOSEPH A. BOURGET

Appointed February 27, 1912Died April 1, 1939

DEPARTMENTAL RECOGNITION

Commendation.....	10
Excellent police duty ..	5
Honorable mention.....	7
Total.....	22

DISCIPLINARY CASES

Reprimands.....	5
Charges dismissed ..	2
Files.....	1

The following revenue was received:

Revolver permits.....	\$163 00
Miscellaneous.....	22 20
Police service at Massachusetts Institute of Technology.....	5,124 00
Telephone calls.....	1 85
	<hr/>
	\$5,310 58

MISCELLANEOUS REPORTS

Accidents.....	1,331	Dangerous chimneys.....	1
Automobiles stolen.....	315	Dead bodies found.....	39
Automobiles stolen outside of		Defective catch basins.....	17
city recovered.....	121	Defective drains and vaults.....	4
Bicycles found or recovered.....	33	Defective bridges.....	1
Building found opened.....	390	Defective fire alarms and clocks .	73
Cases investigated.....	13,143	Defective gas pipes.....	5
Dangerous buildings.....	3	Defective water pipes.....	114

MISCELLANEOUS REPORTS (*Continued*)

Defective hydrants.....	9	Intoxicated persons helped home	3
Defective lamps.....	2,810	Lost children restored.....	95
Defective wires.....	120	Persons reported missing.....	111
Defective street signs.....	213	Persons restored.....	82
Defective streets and walks.....	663	Sick and injured persons assisted	2,030
Disturbances suppressed.....	286	Stray automobiles put up.....	314
Dogs killed.....	37	Street obstructions removed....	4
Fire alarms responded to.....	820	Stolen automobiles recovered...	322
Fires extinguished without alarms	11		

NATIVITY OF PERSONS ARRESTED

Algiers.....	5	Italy.....	60
Armenia.....	5	Lithuania.....	64
Austria.....	1	Nova Scotia.....	113
Belgium.....	2	Poland.....	58
Brazil.....	4	Portugal.....	59
Canada.....	117	Prince Edward Island.....	8
China.....	3	Russia.....	61
Denmark.....	2	Scotland.....	26
England.....	25	Siberia.....	1
Finland.....	4	Spain.....	5
France.....	6	Syria.....	8
Germany.....	5	Sweden.....	27
Greece.....	15	Turkey.....	3
Hawaiian Islands.....	1	United States.....	5,532
Hungary.....	1	Wales.....	9
Ireland.....	269	West Indies.....	7

OCCUPATIONS OF PERSONS ARRESTED

Agent.....	27	Chef.....	20	Inspector.....	6
Artist.....	5	Chemist.....	1	Investigator.....	13
Auto business.....	2	Clerk.....	116	Iron worker.....	42
Attorney.....	11	Contractor.....	23	Janitor.....	23
Actor.....	1	Cook.....	48	Junk dealer.....	8
Baker.....	56	Cooper.....	7	Laborer.....	1,970
Barber.....	19	Core maker.....	8	Lineman.....	7
Bartender.....	23	Decorator.....	17	Lumberman.....	3
Blacksmith.....	18	Domestic.....	4	Machinist.....	91
Bookkeeper.....	7	Electrician.....	22	Maid.....	7
Bottler.....	3	Engraver.....	2	Mail carrier.....	5
Brewer.....	1	Engineer.....	25	Manager.....	72
Brass finisher.....	1	Expressman.....	4	Manufacturer.....	4
Broker.....	5	Farmer.....	27	Marine.....	1
Butcher.....	1	Florist.....	5	Mason's tender.....	26
Bookbinder.....	13	Fireman.....	7	Mechanic.....	105
Butler.....	3	Fisherman.....	6	Merchant.....	10
Buyer.....	3	Foreman.....	10	Metal worker.....	8
Cabinet maker.....	15	Fruit dealer.....	4	Milk dealer.....	8
Candy maker.....	2	Gardener.....	54	Milk hand.....	3
Caretaker.....	1	Grocer.....	2	Motorman.....	3
Carpenter.....	112	Guide.....	7	Moulder.....	6
Cashier.....	11	Hatter.....	3	None.....	759
Caterer.....	4	Helper.....	16	Nurse.....	1
Chair maker.....	8	Housekeeper.....	6	Office boy.....	4
Chauffeur.....	443	Housewife.....	226	Operator.....	45
Checker.....	4	Iceman.....	10		

OCCUPATIONS OF PERSONS ARRESTED (Continued)

Painter.....	206	Rubber worker...	24	Tailor.....	13
Peddler.....	42	Sailor.....	25	Teacher.....	5
Plumber.....	14	Salesman.....	369	Teamster.....	29
Pin boy.....	8	Schoolboy.....	38	Tinsmith.....	17
Polisher.....	7	Schoolgirl.....	21	Trackman.....	20
Porter.....	18	Seamstress.....	13	Upholsterer.....	1
Plasterer.....	32	Shipper.....	55	Undertaker.....	2
Printer.....	44	Shoemaker.....	10	Waiter.....	26
Railroad man....	16	Soldier.....	2	Waitress.....	37
Real estate man..	7	Steamfitter.....	39	Watchman.....	14
Reporter.....	6	Storekeeper.....	47	Welder.....	23
Rivetter.....	1	Student.....	179		

NATURE OF OFFENCE

Offences Against the Person

Assault.....	2	Glass, throwing, etc., in street...	5
Assault and battery.....	130	Intimidation and threatening...	4
Assault, dangerous weapon.....	10	Manslaughter.....	3
Assault and battery, dangerous weapon.....	5	Mayhem.....	2
Assault, indecent.....	16	Murder, assault with intent to...	5
Assault on police officer.....	6	Rape.....	12
Child, female, abuse of.....	3	Rape, assault to.....	8
Child, illegitimate.....	43	Robbery.....	6
Children, neglecting.....	30	Robbery, armed.....	10
Family, neglecting.....	12	Robbery, unarmed.....	7
Family, refusing to support.....	217	Robbery, attempt.....	2

Offences Against Property With Violence

Breaking and entering dwelling at night.....	64	Breaking and entering dwelling by day.....	9
Breaking and entering dwelling at night attempted.....	9	Breaking and entering a building.....	6

Offences Against Property Without Violence

Automobile, using without authority.....	41	Larceny, attempt to commit....	10
Burglars' tools, possession of....	4	Larceny, automobile.....	25
Conspiring to defraud.....	15	Larceny, automobile, attempt...	10
Larceny, over \$50 in value.....	38	Larceny, by check.....	10
Larceny, under \$50 in value....	126	Mortgaged property, concealing..	7
Larceny, from person, under \$50	17	Stolen property, receiving.....	19
Larceny, from person, over \$50..	3	Trespass.....	31

Malicious Offences Against Property

Arson and other burnings.....	1	Malicious mischief.....	16
Arson, attempt.....	1	Wilful damage and trespass.....	20

Offences Against the Currency

Forgery and uttering.....	3
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Offences Against the License Laws

Alien firearms law, violation of..	2	Liquor, keeping and exposing for sale unlawfully.....	5
Dog law, violation of.....	23	Peddling without license.....	31
Liquor, unlawful sale of.....	9		
Pistol or revolver, carrying without license.....	2		

Offences Against Chastity, Morality, Etc.

Adultery	10	Lewd and lascivious cohabitation	30
Bastardy	46	Night walking	8
Blasphemy	1	Obscene books and prints	13
Disorderly house, keeping	1	Open and gross lewdness	1
Disturbing the peace	70	Premises, allowing to be used for immoral purposes	1
Drunkenness	3,318	Profane language, using	4
Female, annoying or accosting	42	School, absent from	2
Fornication	3	Sodomy and other unnatural practices	5
Idle and disorderly persons	7	Vagrants, tramps, etc.	16
Ill-fame, keeping house of	2		
Incest	1		
Indecent exposure of the person	11		

Offences Not Included in the Foregoing

Automobile, operating under influence of intoxicating liquor	152	Children, neglected	23
Automobile, operating to endanger lives and safety	161	Children, stubborn	8
Automobile, operating after revocation of license	19	City ordinance, violation of	8
Automobile, operating after revocation of registration	4	Common nuisance (liquor)	5
Automobile, operating without license on person	24	Contempt of Court	2
Automobile, operating unregis- tered	13	Fish and Game Law, violation of	5
Automobile, operating so as to exceed speed limits	2	Fugitive from justice	1
Automobile, operating without license	54	Gaming, and being present at	27
Automobile, failing to slow down at intersecting way	76	Gaming, implements, present where found	25
Automobile, failing to stop after causing injury to property	23	Gaming, on the Lord's Day, present at	21
Automobile, failing to stop after causing injury to person	10	Health law, violation of	2
Automobile, failing to stop on signal of police officer	4	Labor law, violation of	1
Automobile, insurance law, violation of	11	Lotteries and prize enterprises	31
Automobile laws, miscellaneous violation of parking	816	Narcotic drug law, violation of	15
Children, delinquent	17	Officer, assuming to be	2
Value of property stolen		Parole, violation of conditions	5
Value of property recovered		Perjury and subordination of	5
Value of property recovered for other Police Departments		Prisoner, escaped	4
Offences against the person	538	Prisoner, aiding to escape	1
Offences against property with violence	88	Probation, violation of	90
Offences against property with- out violence	358	Refusing to pay fare	6
Malicious offences against property	37	Runaways	10
Insane persons taken in charge	19	Safe keeping	17
Search warrants issued (liquor)	9	Suspicious persons	26
Search warrants issued (drugs)	1	United States Immigration laws, violation of	4
Search warrants issued (others)	8	Wages, non-payment of	12
Witnesses detained	3		
		Offences against the currency	3
		Offences against the license laws	75
		Offences against chastity, etc.	3,592
		Offences not included in the fore- going	1,806
		Arrests by summons	1,047
		Arrests by warrants	728
		Summonses served for other Police Departments	1,183

SALARIES AND GENERAL EXPENSES
For the Year Ending 1939

A-1	Salaries	\$510,205 41
B-1	Printing and binding	18 00
B-2	Postage	250 00
B-3	Advertising posting	5 00
B-4	Transportation	22 05
B-5	Cartage and freight	1 00
B-8	Light and power	1,453 56
B-13	Communications	2,522 40
B-14	Motor vehicles, repair of	123 50
B-29	Stenographic	7 50
B-35	Fees	6 00
B-39	Service not otherwise coded	34 85
B-44	Travel out of State	250 00
C-4	Motor vehicles	871 93
C-9	Office	107 73
C-13	Tools and instruments	140 54
C-13a	Garage tools	162 30
C-16	Wearing apparel	3,049 25
C-18	Regalia	88 25
D-1	Office supplies	964 67
D-2	Food and ice	124 75
D-8	Laundry	68 75
D-11	Gasoline	4,000 36
D-16	Supplies not otherwise coded	383 79
D-17	Motor vehicles parts	1,837 26

REPORT OF THE MATRONS

Accosting opposite sex	18	Fornication	1
Adultery	1	House of ill fame	1
Assault and battery	2	Idle and disorderly	2
Automobile, operating under influ- ence of intoxicating liquor	6	Illegal sale of liquor	1
Automobile, driving so as to endanger	1	Larceny	11
Automobile, failed to stop at light	1	Lewdness	3
Automobile, leaving scene of accident	1	Lewd cohabitation	3
Automobile, operating, no license	2	Mayhem	1
Automobile, violation, probation of	1	Narcotic drugs, violation of	4
Default warrants	2	Night walking	7
Disturbing the peace	5	Robbery	1
Drunkenness	241	Runaway	2
Failed to perform contract	2	Suspicious persons	2
		Vagrancy	5
		Violation of probation	9
		Warrants	8

MARY A. BARROW,
ISABELLA A. DONELAN,
Matrons.

REPORT OF POLICEWOMAN

Cases investigated on complaints to police	128
Cases investigated on complaints to policewoman	318
Calls at homes in interest of women and children	225
Calls at homes for follow-up work	168
Visits to dance halls	23
Visits to theatres	18
Visits to shops	380
Number of times assisted City Physician	15
Number of hospital cases	14
Number of psychopathic cases	7
Number of clinic cases	18
Neglected children investigated and cared for	90
Parents neglecting children	41
Cases referred to other agencies	21
Larceny cases	5
Shop-lifting (adult)	20
Shop-lifting (children)	29
Wives reporting trouble with husbands	24
Husbands reporting trouble with wives	19
Questionable persons investigated	307
Questionable persons warned	270
Questionable houses investigated	9
Girls on street warned regarding general behavior	143
Girls on street warned regarding soliciting automobiles	41
Men in automobiles warned regarding soliciting girls and women	59
Children on street warned regarding curfew law	78
Boys on street warned regarding begging	14
Boys on street warned regarding selling papers	5
Girls in dance halls warned regarding age limit	4
Missing persons reported	24
Missing persons found	19
Indecent assault cases	12
Attempted rape cases	2
Rape cases	16
Incest cases	1
Illegitimacy cases	64
Arrests	20
Escorting arrested persons from outside Cambridge	2
Employment assistance	4

J. EDITH TAYLOR,
Policewoman.

REPORT OF THE BUREAU OF CRIMINAL INVESTIGATION

AUTOMOBILE SQUAD

Cars reported stolen in Cambridge	429
Cars stolen and recovered in Cambridge	258
Cars stolen in Cambridge and recovered outside of city	170
Cars stolen in other cities and recovered in Cambridge	175
Cars stolen in Cambridge and not recovered	1
Value of cars stolen in Cambridge	\$298,183 00
Number of cars transferred to new owners	15,989
Number of registration plates stolen in Cambridge	41
Number of registration plates recovered in Cambridge	23
Number of investigations made	201
Number of arrests made	79
Value of money and property recovered	\$5,762 85

DOMESTIC RELATIONS

Non-support	140
Violation of probation	82
Bastardy	43
Neglected children	3
Assault and battery	12
Drunkenness	7
Larceny	5
Lewd and lascivious cohabitation	2
Adultery	1
Rape	2
Violation of labor law	2
Total number of arrests made	299

Of the number of arrests made during the year, 250 are on probation. Included in the total number are 30 cases handled for other cities and towns, and seven cases for other states. Six prisoners were brought back here from other states. Adjusted 265 cases satisfactorily without Court action. Fifty-seven men, living outside of the city, are contributing to the support of their dependents living here.

CLAIMS

Accident cases investigated	156
Claims investigated	85
Corporations investigated	58
Jurors investigated	47
Sign permits and bonds investigated	49
Pictures and measurements taken	99
Special investigations made	12

BUREAU OF IDENTIFICATION

Investigations made	229
Applications for taxi drivers fingerprinted	38
Prisoners fingerprinted	261
Copies of fingerprints sent to Department of Public Safety	261
Copies of fingerprints sent to Department of Justice	261
Photographs of prisoners sent to Department of Public Safety	261
Photographs copied	14

BUREAU OF IDENTIFICATION (*Continued*)

Value of property recovered	\$322 00
Number of arrests made	21
Visits made to pawn shops in Cambridge and Boston	1,536
Investigations made	410
Arrests made	16
Value of property recovered	\$13,597 25

MISSING PERSONS

Number of persons reported missing	112
Number of missing persons found	110

RECAPITULATION

Total number of investigations made	3,762
Total amount of money and property recovered	\$23,104 60
Total number of arrests made	507

JOHN J. CANNEY,
Chief Inspector.

JUVENILE AID BUREAU

The Juvenile Aid Bureau received 961 complaints from the uniformed force of the Department, consisting of breaking and entering, larceny, breaking windows, stealing rides on street cars, newsboys and bootblacks working without a license, and various other crimes.

During the year 71 cases were brought before the Juvenile Court. Adults arrested by the Bureau, 75. Neglected children brought before the Court, 66. Through the Burroughs Newsboys Foundation of Boston, 52 boys were sent to their camp in Maine for two weeks.

Schools visited (public)	24
Children instructed (public)	15,184
Schools visited (parochial)	11
Children instructed (parochial)	7,104
Schools visited (private)	4
Children instructed (private)	419
Boys apprehended stealing rides on busses, trolley cars and other motor vehicles	214
Boys warned about standing in roadway thumbing rides	611
Boys caught entering theatres without tickets	19
Personal talks at home in the interest of children for violating safety rules	146

Annually the Kiwanis Club of Cambridge donates a cup to the best Safety Patrol. After careful consideration the Roberts School was adjusted the winner.

Credit is due to John J. Curry, Master, Joseph P. Flynn, Assistant Master, also the teachers of the School, for through their

careful coöperation and guidance there was not a single accident at this School during the past year.

Presentation of the cup was made at a meeting of the Kiwanis Club on June 7, 1939, by his Honor, Mayor John W. Lyons. Through the managers of the various theatres the safety patrol boys were allowed to attend a show every week.

Mayor John W. Lyons has appointed a Committee on Highway Safety to make a survey of conditions on the highways of the city and to make recommendations for the betterment of present conditions. This committee is comprised of professional and business men, city officials and leaders of civic organizations.

SERGEANT THOMAS W. McAULIFFE,
SERGEANT WALTER L. MAHER.

TRAFFIC BUREAU

In connection with the safety activities of the officers of this city, the automobile accident record for the year 1939 shows a decrease in accidents. The fatalities for 1939 were less than 1938.

The Traffic Bureau issued 5,400 summons for violation of the automobile law. Two hundred and ten offenders had their license suspended for failing to appear before the District Court. Six thousand licensed operators were warned regarding the violation of the automobile laws during the past year.

Traffic hazards have been studied throughout the city and recommendations made to abate them. Talks of motor vehicles, safety and parking have been delivered before groups of business men in the city. Recommendations for changes in the traffic regulations have been made with some success.

It is my intention during the coming year to conduct various drives against violators of the speed law and at least cut down our accident record.

CHARLES E. MALLAHAN,
Lieutenant in Charge.

Great progress has been made in the city during the past year in the suppression of crime. This has been brought about by the constant attention by the officers to their duty, as well as additional radio cars in the Department.

The Juvenile Aid Bureau has been a great help in curbing

petty larceny cases, peddling without licenses, etc. It is not the desire of the Bureau to prosecute these cases, but rather to protect the minors by proper treatment.

All major crimes have been decreased in this city in the past year. Many improvements have been instituted during the year, including additional traffic lights at various intersections. Accidents to adults and children have been decreased. This no doubt was brought about by constant attention to the speed laws.

All the members of the Department contributed to the Community Fund Drive and also donated to other charitable organizations during the year.

Respectfully submitted,

TIMOTHY F. LEAHY,
Chief of Police.

REPORT OF THE SUPERINTENDENT OF THE CAMBRIDGE CEMETERY

Annual Report January 1, 1939 to December 31, 1939

To His Honor the Mayor and City Council:

I hereby submit to you the eighty-sixth annual report of the Superintendent of the Cambridge Cemetery, the same being for the period beginning January 1, 1939 and ending December 31, 1939.

	<i>Amount Received</i>	<i>Number</i>
Lots and graves sold	\$15,116 00	304
Burial fees	10,331 20	861
Foundations	3,055 28	257
Repairs of lots and graves	160 00	20
Evergreens	2,725 00	545
Annual care	955 90	269
Tomb fees	15 00	1
Removals	177 00	12
Chapel fees	49 00	7
Sundries	2 00	2
Interest received on Perpetual Care Fund	7,968 62	
Total	<hr/> \$40,555 00	
Lots and graves taken into Perpetual Care	\$3,306 00	40
Amount in Perpetual Care Fund, Dec. 31, 1938	<hr/> 253,506 12	
Amount in Perpetual Care Fund Dec. 31, 1939	\$256,812 12	
The following statistics may be of interest:		
Total number of interments in the Cemetery		53,634
Number of lots and graves ready for sale:		
Graves	230	
Lots	74	304
Estimated value of lots and graves ready for sale		\$21,000 00

**APPROPRIATIONS AND EXPENDITURES FOR SALARIES
JANUARY 1, 1939 TO DECEMBER 31, 1939**

A-1 Appropriation	\$53,937 88
Amount expended	53,820 56
Unexpended balance	\$117 32
A-2 Appropriation	\$7,915 40
Amount expended	7,880 00
Unexpended balance	\$35 40

A-1 and A-2 Total Expenditures

Superintendent	\$3,000 00
Assistant Superintendent	2,952 00
Permanent men charged to A-1 appropriation	47,868 56
Temporary men charged to A-2 appropriation	7,880 00
Total expended	\$61,700 56
A-1 and A-2 total appropriation	\$61,853 28
A-1 and A-2 total expended	61,700 56
Balance unexpended	\$152 72

Appropriations and Expenditures for Materials and Supplies

	<i>Appropriation</i>	<i>Expended</i>	<i>Balance</i>
Schedule B	\$340 50	\$329 46	\$11 04
Schedule C	299 50	299 50	.....
Schedule D	2,030 60	2,002 44	28 16
Schedule E	304 80	304 30	50
Schedule F	1,488 00	1,488 00	.....
Total appropriations	\$4,463 40	\$4,423 70	\$39 70

Total Receipts and Expenditures

Total amount received	\$40,555 00
Total amount expended	66,124 26
Net loss	\$25,569 26

In submitting this eighty-sixth annual report I again make the following recommendations:

That the land abutting the Cemetery, which is owned by the Mount Auburn Cemetery Corporation, be purchased and added to the Cemetery and be prepared for burial purposes.

I also recommend the purchase of the following equipment: one lowering device, one air compressor with gasoline engine, and one cement mixer on chassis.

I also recommend an appropriation for the purchase of permanent markers to mark the perpetual care lots. I again recommend an appropriation for the building of a workshop and garage for the storage of tools and equipment.

I also recommend an appropriation for the building of permanent roads in the Cemetery.

I also recommend that one male clerk be added to the Department due to the increase of office work, as the office force has never been added to since the Cemetery opened in 1854.

Respectfully submitted,

RALPH N. HAMILTON,
Superintendent.

ANNUAL REPORT OF THE SEALER OF WEIGHTS AND MEASURES

For the Year Ending December 31, 1939

To the Honorable City Council:

In compliance with the City Ordinance I respectfully submit a report of the Department of Weights and Measures for the year ending December 31, 1939.

Appropriation \$10,568 40

Expended

Salaries:

Joseph M. O'Neil, Sealer	\$3,300 00	
James J. Lynch, First Deputy Sealer	2,500 00	
Edward W. Barker, Deputy Sealer	2,340 00	
Anders T. Anderson, Deputy Sealer	2,000 00	
	<hr/>	\$10,140 00
Street Department, oil and gasoline	96 70	
Crimson Garage, repairs and supplies	64 88	
McKenzie Motor Sales	3 69	
Boston Elevated Railway, car tickets	4 00	
Pill Hardware Co., supplies	5 35	
Hobbs & Warren, supplies	9 50	
Robinson Seal Co., supplies	69 00	
Commercial Supply Co., supplies	5 85	
Richdale Garage, repairs	1 25	
Butts Ordway Co., supplies	7 08	
Pill, Inc., supplies	2 35	
University Stationery, supplies	2 15	
Allen Stationery, supplies	5 80	
Fulton Auto Radiator Co., supplies	8 50	
The Useful Products Co., supplies	1 65	
Ellery Motor Co., repairs	13 55	
Municipal Supply Co., supplies	12 30	
Edward W. Barker, registrations	6 00	
Fitz Towel Supply Co., towels	12 00	
Cambridge Recorder, advertising	2 50	
New England Telephone and Telegraph	44 59	
Peter F. Tague, stamps	6 30	
	<hr/>	\$10,524 99
Amount unexpended		\$43 41

Revenue:

Fees for sealing	\$1,390 39	
Fees for adjusting	81 50	
	<hr/>	\$1,471 89
Total amount expended	\$10,481 58	
Total amount collected	1,471 89	
	<hr/>	\$9,009 69

TESTS MADE FOR YEAR ENDING DECEMBER 31, 1939			
Scales sealed	2,305		
Scales adjusted	309		
Scales condemned	74		
			2,688
Weights sealed	3,213		
Weights condemned	13		
			3,226
Dry measures sealed	4		
Liquid measures sealed	635		
Liquid measures condemned	15		
			654
Vehicle tank compartments sealed	127		
			127
Yard measures sealed	71		
Cloth measures sealed	4		
Cloth measures condemned	2		
			77
Gasoline pumps sealed	10		
			10
Gasoline meters sealed, 1 inch or less	592		
Gasoline meters sealed, over 1 inch	55		
Gasoline meters adjusted	116		
			763
Grease measuring devices sealed	214		
			214
Platform scales capacity over 10,000 lbs.	31		
Platform scales 5,000 to 10,000 lbs.	50		
Platform scales under 5,000 lbs.	379		
Counter scales sealed	496		
Beam scales sealed	6		
Spring scales sealed	639		
Computing scales sealed	527		
Person scales sealed	91		
Prescription scales sealed	69		
Jeweler's scales sealed	11		
			2,299
Taximeters sealed	45		45
Total number of tests made			10,103

- STANDARDS FURNISHED BY THE COMMONWEALTH
- 1 set (5) avoirdupois weights, 50 pounds to 5 pounds
 - 1 set (11) avoirdupois weights, 4 pounds to 1/16 ounce
 - 1 kilogram in case
 - 1 steel meter in case
 - 1 brass yard measure
 - 1 set (5) iron dry measures, 1/2 bushel to 1 quart
 - 1 set (6) iron liquid measures, 1 gallon to 1 gill

City of Cambridge Property	
1 roll top desk	} \$200 00
1 black walnut desk	
4 chairs	
1 black walnut table	
1 oak table	
1 set card records	
1 set card index	

Test tank and trailer.....	\$304 00
1 office record book.....	10 00
1 record book.....	8 00
1 platform scale.....	75 00
1 folding platform scale.....	30 00
1 balance, 1/50 grain to 1/2 pound.....	15 00
1 balance, 1 milligram to 500 grams.....	35 00
1 sealer's balance, oak cabinet.....	950 00
2 leather tool bags.....	9 50
1 spring scale, 1 pound to 125 pounds.....	1 00
2 sets (19) avoirdupois weights.....	10 00
1 set avoirdupois weights, 1/32 ounce to 10 pounds.....	50 00
1 set (9) troy weights, 16 ounces to 1/4 ounce.....	3 00
1 set (18) troy weights, 10 ounces to 1/2 grain.....	11 50
1 set (13) metric weights, 1 kilo to 1 gram.....	5 00
2 sets (21) metric weights, 50 grams to 1 milligram.....	13 50
1 set (30) apothecaries' weights, 2 drams to 1/2 grain.....	15 00
1 set (3) iron weights, 25 lbs., 10 lbs., 5 lbs.....	5 00
32-50 pound weights.....	80 00
3 glass graduates.....	1 00
1 set (5) copper dry measures.....	45 00
1 5-gallon copper measure.....	15 00
1 set (8) copper liquid measures.....	15 00
5 test cans, 5 gallons to 1 gallon.....	50 00
1 Underwood portable typewriter.....	25 00
1 filing cabinet.....	18 50
1 standard yard measure.....	6 00
1 desk lamp.....	5 00
1 Ford automobile (coupe).....	100 00
1 Ford automobile (business sedan).....	600 00
250 cloth seals.....	1 75
250 aluminum seals.....	3 25
200 leads and wires.....	1 25
Miscellaneous tools.....	25 00
Total.....	<hr/> \$2,542 25

This department caused three persons to be summoned to court for violations of laws relating to short weight and measure, two of whom were found guilty and fined five dollars each.

Respectfully submitted,

JOSEPH M. O'NEIL,
Sealer of Weights and Measures.

REPORT OF THE CITY MISSIONARY

Cambridge, Mass., January 24, 1940.

*To His Honor the Mayor, the City Council,
and Frederick H. Burke:*

I herewith present the annual report of my stewardship as City Missionary for the past year in the cause of temperance.

I have attended the sessions of the Third District Court about every day, and I have sometimes visited the station house on Sundays. I have spoken kind and encouraging words to 80 females and 1,532 males. I have talked moral suasion to them as forcibly as I could, as I think more good can be accomplished in that way than in any other.

I am working in perfect harmony with the Court, Police and Probation Office and any recommendation of mine is given favorable consideration.

In conclusion, gentlemen, if temperance does not gain this year, it will be through no neglect of mine.

Respectfully,

JOHN F. CAWLEY,
City Missionary.

REPORT OF THE FIRE DEPARTMENT

For the Year Ending December 31, 1939

To His Honor the Mayor and the City Council:

Gentlemen: In compliance with requirements of the City Ordinances I respectfully submit my sixth annual report of the Fire Department of the City of Cambridge for the year beginning January 1, 1939 and ending December 31, 1939.

This report contains the cost of maintenance, membership, condition of apparatus, a record of fires and alarms of fire, and the cause thereof as near as could be ascertained, the value of property at risk, the insurance thereon, the loss or damage sustained, and such other information as may be of interest.

FINANCIAL STATEMENT

Department appropriation for salaries	\$509,092 10
Transfers of amount from salaries	1,700 00
<hr/>	
Total amount appropriated for salaries	\$507,392 10
Total amount expended for salaries	506,354 30
<hr/>	
Unexpended balance from salaries	\$1,037 80
Department appropriation for general expenses . . .	\$32,862 30
Department expended for general expenses	31,968 19
<hr/>	
Unexpended balance from general expenses	\$894 11

The following is a list of the values, loss, insurance and insurance paid on fires for 1939:

	<i>Value</i>	<i>Loss</i>	<i>Insurance</i>	<i>Insurance Paid</i>
Buildings	\$6,059,116 42	\$174,792 22	\$5,964,426 00	\$174,542 64
Contents	321,404 46	47,950 62	259,199 00	40,781 12
	<hr/>	<hr/>	<hr/>	<hr/>
	\$6,380,520 88	\$222,742 84	\$6,223,625 00	\$215,323 76

From January 1, 1939 to December 31, 1939 the Department

received and turned into the City Treasurer \$547.72 for permits, and refund on gasoline.

The new working conditions for members of the Fire Department known as the ten (10) group plan passed by the City Government of 1937 was put into effect January 15, 1939 with the promotion of 1 lieutenant to captain, 4 privates to lieutenants, and the appointment of 21 privates.

ORGANIZATION

The manual force of the Department for the year ending December 31, 1939 consisted of 228 members as follows: 1 chief, 4 deputy chiefs, 18 captains, 15 lieutenants, 3 enginemen, 1 assistant engineman, 186 privates, 1 master mechanic, rank of captain.

There are 9 motor pumping engines, 8 combination hose and chemical wagons, 4 aerial ladder trucks, 1 rescue wagon, 1 flood-light truck, 1 chief's car, 2 deputy chief's cars, 1 repair truck, 1 light pick-up truck used by the repair division, all in active fire service.

During the year the following promotions and appointments were made, also pensioned, resignations and deaths.

PROMOTIONS

Lieutenant White, Timothy F., promoted to grade of captain January 15, 1939.

Private Brownrigg, Philip J., promoted to grade of lieutenant January 15, 1939.

Private Fitzgerald, Edward J., promoted to grade of lieutenant January 15, 1939.

Private Flynn, Joseph R., promoted to grade of lieutenant January 15, 1939.

Lieutenant Murphy, Edward T., promoted to grade of captain April 30, 1939.

Private Masterson, Luke F., promoted to grade of lieutenant April 30, 1939.

Lieutenant McCabe, James H., promoted to grade of captain May 28, 1939.

Lieutenant Murphy, John J., promoted to grade of captain May 28, 1939.

Lieutenant Walsh, Daniel A., promoted to grade of captain May 28, 1939.

Captain Collins, John F., promoted to grade of deputy chief July 30, 1939.

Captain O'Connor, Charles F., promoted to grade of deputy chief July 30, 1939.

APPOINTMENTS

The following were appointed as privates:

January 15, 1939 — Daniel V. Cremins, Stanley C. Fabianski. Frank E. Wood, James E. Fitzgerald, Joseph E. Keane, Daniel P. Lehane, Joseph L. Cartier, Francis J. Connelly, Paul A. Touchette, William J. Ross, John B. Toomey, Michael H. Coyne, John A. Donohue, Patrick L. McDonnell, John A. Fallon, Thomas F. Connerty, Manuel W. Souza, Ernest R. Varney, Joseph C. Arruda, Alexander G. McKee, and Charles J. Crowley.

July 30, 1939 — Theodore L. Schneider, William J. Cremins, Charles J. Malieswski, and William F. Davidson, Jr.

November 26, 1939 — William J. Lively, Vincent P. Galvin, John P. Murray, and Arthur X. St.Sauveur.

December 17, 1939 — Timothy J. Keefe and John J. Delaney.

RESIGNATION

Private O'Leary, John H., resigned from Department April 21, 1939.

PENSIONED

Private Wallace, John P., pensioned May 1, 1939.

Private Fournier, Ursise E. W., pensioned July 1, 1939.

Deputy chief Dardis, John H., pensioned October 28, 1939.

Assistant engineman Drinkwater, James A. S., pensioned December 2, 1939.

DEATHS

Deputy chief Marshall, Arthur L., died April 1, 1939.

APPARATUS

The apparatus of the Department in active service consists of the following:

Two triple combination pumping engines, one thousand gallons capacity.

Three triple combination pumping engines, seven hundred and fifty gallons capacity.

Four combination motor pumping engines, seven hundred and fifty gallons capacity.

Eight motor combination hose and chemical wagons.

One one hundred-foot aerial ladder truck.

One eighty-five-foot aerial ladder truck.

Two seventy-five-foot aerial ladder trucks.

One rescue wagon.

One floodlight wagon fully equipped.

One repair and wrecking truck

One light pick-up truck.

One automobile for chief of Department.

Two automobiles for deputy chiefs.

APPARATUS IN RESERVE

Two triple combination pumping engines, seven hundred and fifty gallons capacity.

One combination hose and chemical wagon.

One aerial ladder truck (seventy-five foot).

One city service ladder truck, fully equipped.

RESPONSE

The deputy chiefs and companies of the Department responded to the following number of alarms of fire, both bell and still, also emergency calls for the year ending December 31, 1939.

Deputy Caldwell, District No. 1, 261 calls.

Deputy Church, District No. 1, 313 calls.

Deputy Collins, District No. 2, 76 calls.

Deputy O'Connor, District No. 2, 86 calls.

Deputy Dardis, District No. 2, 151 calls.

Engine No. 1	409	Engine No. 8	402
Engine No. 2	575	Engine No. 9	248
Engine No. 3	370	Ladder No. 1	354
Engine No. 4	221	Ladder No. 2	329
Engine No. 5	719	Ladder No. 3	470
Engine No. 6	416	Ladder No. 4	287
Engine No. 7	346	Rescue No. 1	914

Floodlight truck responded to four calls and worked 36 hours supplying light for fires and emergencies.

The following is a list of the time that apparatus was out of quarters, and the equipment and appliances used, with the number of inspections and other information offered:

Out of quarters, 2,448 hours. Out of city limits, 98 hours: Somerville, 75; Belmont, 13; Watertown, 9; Arlington, 1. Laid 265,350 feet of 2½-inch hose. Laid 40,800 feet of 1½-inch hose. Used 228 large chemical tanks. Used 148 soda and acid extinguishers. Used nine foamite extinguishers. Used 23 pump cans. Used 159½ pounds CO₂ extinguishers. Used 36,002 feet of ladders. Used masks 44½ hours. Used 67 tanks oxygen for 44½ hours. Used 26 fusees for chimneys. Used 126 salvage covers. Used 7,986 gallons of 70/72 naphtha. Used 135 gallons of motor oil. Engine pumps worked 181 hours for extinguishing fires. Booster pumps worked 227 hours for extinguishing fires. 877 drills by members and companies. 13,846 inspections were made by the members for the year 1939.

The Department responded to 1,083 bell alarms, 792 still alarms, a total of 1,875 alarms. Included in the above we had one third and four second alarm fires. I am pleased to say that the Department had 66 less false alarms this year than last, which I hope will continue. The Department responded outside the city limits 98 times as follows: Somerville, 75; Belmont, 13; Watertown, 9; Arlington, 1. During the year 877 drills were held by members and companies, held both at company quarters and at the drill tower.

RECOMMENDATIONS

I respectfully recommend that a new 100-foot aerial ladder truck be purchased to replace Ladder No. 2, Portland Street. The present aerial ladder truck was placed in service December 9, 1921 and has outlived its usefulness. The main ladder is cracked and also has been badly burned, and in my opinion is unsafe to work upon.

The house of Ladder No. 2 needs extensive repairs, and I recommend a new building and a new location in East Cambridge, east of the Grand Junction Railroad, for this important apparatus.

Engine No. 7 has been equipped with new wheels and pneumatic tires; Engine No. 2 hose wagon motor overhauled,

repainted and equipped with a booster pump and tank with Eastman deluge nozzle.

The painting in the Fire Headquarters building, unfinished by the WPA, has been finished by members of the Fire Department.

CONCLUSION

To his Honor the Mayor for his courtesy and interest in all matters concerning the Fire Department, the members of the City Council for their kindness and consideration, to the officers and members of the Fire Department for their coöperation and loyalty my thanks are due.

To the Electrical, Police and Water Departments I extend my thanks for their coöperation for the year.

To the City of Somerville, and the Towns of Arlington, Belmont and Watertown, my thanks are due for their assistance rendered on many occasions.

Respectfully submitted,

HERMAN E. GUTHEIM,
Chief of Fire Department.

Cambridge, Massachusetts.

FIRE DEPARTMENT ROSTER

Chief.....	Herman E. Gutheim
Deputy Chief.....	Joseph H. Caldwell
Deputy Chief.....	George L. Church
Deputy Chief.....	John F. Collins
Deputy Chief.....	Charles F. O'Connor
Chief's Clerk, rank of Private.....	Edward E. Gaughan
Chief's Aid, rank of Private.....	Patrick V. Russell
Chief's Aid, rank of Private.....	John J. Connolly
Deputy Chief's Aid, rank of Private.....	William F. Davidson
Deputy Chief's Aid, rank of Private.....	Patrick J. Murphy
Deputy Chief's Aid, rank of Private.....	David J. Ryan
Deputy Chief's Aid, rank of Private.....	Thomas J. Sweeney

ENGINE COMPANY No. 1
Broadway and Cambridge Street

Captain.....	Otis D. Powers
Lieutenant.....	Timothy F. McCarthy
Assistant Engineman.....	Hiram W. Hooker
Permanent Private.....	William T. Anderson
Permanent Private.....	John F. Coughlin
Permanent Private.....	Leo A. Diehl
Permanent Private.....	Horace Eagleson
Permanent Private.....	Joseph B. Higgins
Permanent Private.....	Francis R. Jefferson
Permanent Private.....	Vincent F. Kelley
Permanent Private.....	Dennis McCarthy
Permanent Private.....	Martin P. Malloy
Permanent Private.....	Manuel G. Travers
Permanent Private.....	Michael H. Coyne
Permanent Private.....	Joseph E. Keane
Permanent Private.....	William J. Cremins

ENGINE COMPANY No. 2
378 Massachusetts Avenue

Captain.....	Henry E. Kilfoyle
Lieutenant.....	Maurice J. Murphy
Lieutenant.....	Joseph A. Mullen
Permanent Private.....	Daniel F. O'Connell
Permanent Private.....	John J. Delaney
Permanent Private.....	Joseph D. Sheehan
Permanent Private.....	William J. McNally
Permanent Private.....	Louis J. Woodbury
Permanent Private.....	Joseph L. Mills
Permanent Private.....	Dennis F. Cremins
Permanent Private.....	John J. Stack
Permanent Private.....	Charles W. Sullivan
Permanent Private.....	Stanley C. Fabianski
Permanent Private.....	Philius P. Belanger
Permanent Private.....	Joseph H. Vargus
Permanent Private.....	Harold F. Magee

ENGINE COMPANY No. 3
Third and Gore Streets

Captain.....	Edward F. Kelley
Lieutenant.....	James E. Crowley
Lieutenant.....	Phillip J. Brownrigg

Permanent Private.....	William F. Bulger
Permanent Private.....	Francis J. Connolly
Permanent Private.....	Francis W. Dilworth
Permanent Private.....	Henry E. Findley
Permanent Private.....	Daniel J. Holleran
Permanent Private.....	Edward F. Looney
Permanent Private.....	James Stack
Permanent Private.....	John F. Stanton
Permanent Private.....	Francis F. Sweeney
Permanent Private.....	John B. Toomey
Permanent Private.....	Lawrence J. Watts

ENGINE COMPANY No. 4

2029 Massachusetts Avenue

Captain.....	John Gibson
Captain.....	John J. Murphy
Engineman.....	John T. Henderson
Permanent Private.....	Walter L. Allen
Permanent Private.....	Arthur J. Bolduc
Permanent Private.....	James W. Breslin
Permanent Private.....	James V. Conlin
Permanent Private.....	Leo G. Cook
Permanent Private.....	Edward L. Cuthbert
Permanent Private.....	Joseph L. Lehan
Permanent Private.....	Thomas J. Lovett
Permanent Private.....	Otis D. Powers, Jr.
Permanent Private.....	Laurence M. Tarbox
Permanent Private.....	Arthur J. Tremblay
Permanent Private.....	James E. Fitzgerald

ENGINE COMPANY No. 5

Inman Square

Captain.....	Timothy F. White
Lieutenant.....	Joseph R. Flynn
Lieutenant.....	Thomas F. O'Connor
Permanent Private.....	Joseph Bedard
Permanent Private.....	George E. Blomquist
Permanent Private.....	John J. Callan
Permanent Private.....	Frank A. Casey
Permanent Private.....	James J. Corkery
Permanent Private.....	Patrick J. Cremins
Permanent Private.....	John F. Kenney
Permanent Private.....	Michael J. Mahoney
Permanent Private.....	William T. Murphy
Permanent Private.....	Gilbert F. Rebello
Permanent Private.....	William J. Lively
Permanent Private.....	Charles J. Crowley

ENGINE COMPANY No. 6

176 River Street

Captain.....	George A. Ryan
Captain.....	James H. McCabe
Permanent Private.....	John E. Bagwell
Permanent Private.....	Walter E. Broderick
Permanent Private.....	Joseph A. Brussard
Permanent Private.....	William F. Campbell

Permanent Private.....	George H. Carrier
Permanent Private.....	James P. Cook
Permanent Private.....	Henry A. Cutting
Permanent Private.....	Edward F. Daisy
Permanent Private.....	Thomas F. Mullen
Permanent Private.....	John J. Murphy, 1st
Permanent Private.....	Thomas D. Short
Permanent Private.....	Daniel P. Lehane
Permanent Private.....	John A. Donohue

ENGINE COMPANY No. 7
Main Street, Corner Dock Street

Captain.....	Edward T. Murphy
Lieutenant.....	Edward J. Tobin
Engineman.....	Joseph S. Hayes
Permanent Private.....	Joseph T. Ballantine
Permanent Private.....	James B. Burrell
Permanent Private.....	Edward J. Campbell
Permanent Private.....	Benjamin J. Cavanaugh
Permanent Private.....	Francis F. Connerty
Permanent Private.....	Harold H. Cooper
Permanent Private.....	Allen L. Cremins
Permanent Private.....	Louis H. Fabry
Permanent Private.....	Francis J. G. Hanley
Permanent Private.....	Carl F. Johnson
Permanent Private.....	Charles J. Malieswski
Permanent Private.....	Joseph E. McKenna
Permanent Private.....	William J. Ross
Permanent Private.....	Theodore L. Schneider

ENGINE COMPANY No. 8
Junction of Garden and Sherman Streets

Captain.....	John L. Lavey
Lieutenant.....	Arthur J. Foster
Permanent Private.....	Edward Ennis
Permanent Private.....	John J. Flavin
Permanent Private.....	Frank J. Harrington
Permanent Private.....	Robert F. Kelley
Permanent Private.....	Michael A. McDonald
Permanent Private.....	Patrick L. McDonnell
Permanent Private.....	Daniel P. Moynihan
Permanent Private.....	Michael T. Munyon
Permanent Private.....	Francis J. Murphy
Permanent Private.....	John J. Murphy, 3d
Permanent Private.....	Aloysius O'Reilly
Permanent Private.....	Arthur X. St.Sauveur

ENGINE COMPANY No. 9
167 Lexington Avenue

Captain.....	Henry J. O'Brien
Lieutenant.....	Thomas L. Wilkshire
Permanent Private.....	Charles T. Anderson
Permanent Private.....	Elzear D. Breton
Permanent Private.....	Charles L. Carrier
Permanent Private.....	Charles H. Cooke
Permanent Private.....	Lawrence A. Corcoran

Permanent Private	John J. Fallon
Permanent Private	George E. Lorigan
Permanent Private	Thomas J. Mahoney
Permanent Private	Leo F. McCarthy
Permanent Private	Alexander G. McKee
Permanent Private	Jeremiah J. Sullivan
Permanent Private	Frank E. Wood

LADDER COMPANY No. 1

Broadway and Cambridge Street

Captain	William J. Curry
Lieutenant	John A. Cardoso
Permanent Private	Charles N. Anderson
Permanent Private	John J. Balfe
Permanent Private	George Cotter
Permanent Private	William Dias
Permanent Private	Francis J. Feeney
Permanent Private	Andrew L. Gelinas
Permanent Private	Oscar T. Johanson
Permanent Private	Jeffrey J. Landry
Permanent Private	James E. Mulrey
Permanent Private	David C. Murphy
Permanent Private	Elliot Scholl
Permanent Private	John J. Tattan
Permanent Private	Ernest S. Varney

LADDER COMPANY NO. 2

Portland and Thorndike Streets

Captain	William V. Jefferson
Lieutenant	Edward F. Caldwell
Permanent Private	Joseph R. Arruda
Permanent Private	Walter E. Clancy
Permanent Private	James J. Fitzgerald
Permanent Private	Edward R. Harrington
Permanent Private	Laurence H. Johnson
Permanent Private	Joseph King
Permanent Private	Michael Mullen
Permanent Private	Daniel P. Murphy
Permanent Private	John P. Murray
Permanent Private	John J. O'Neil
Permanent Private	Joseph Silveria
Permanent Private	Morris A. Skold
Permanent Private	William L. Sullivan
Permanent Private	Arthur W. Tisdale

LADDER COMPANY No. 3

394 Massachusetts Avenue

Captain	Edmund M. Burke
Lieutenant	John J. Dineen
Permanent Private	Louis C. Avery
Permanent Private	Emerill B. Beucler
Permanent Private	Vincent P. Galvin
Permanent Private	Thomas M. Harrington
Permanent Private	Thomas W. Lane
Permanent Private	Noal A. Landry
Permanent Private	Edward A. Malone
Permanent Private	Michael F. Maloney

Permanent Private.....	Thomas V. McGrath
Permanent Private.....	John P. McPherson
Permanent Private.....	Eugene L. O'Keefe
Permanent Private.....	William Quayle
Permanent Private.....	James H. Sullivan
Permanent Private.....	Edward F. Traynor

LADDER COMPANY No. 4

Junction of Garden and Sherman Streets

Captain.....	Edward J. Griffin
Captain.....	Daniel A. Walsh
Lieutenant.....	Luke F. Masterson
Permanent Private.....	Paul J. Blanchard
Permanent Private.....	Lawrence A. Bolduc
Permanent Private.....	Joseph L. Cartier
Permanent Private.....	William J. Doliber
Permanent Private.....	Matthew W. Gleason
Permanent Private.....	Warren A. Hardy
Permanent Private.....	Timothy J. Keefe
Permanent Private.....	Andrew P. Keenan
Permanent Private.....	Frank A. Lyshorn
Permanent Private.....	Joseph W. McCloskey
Permanent Private.....	Michael J. Murphy
Permanent Private.....	Thomas W. Murphy
Permanent Private.....	Hugh P. Quinn

RESCUE COMPANY NO. 1

Broadway and Cambridge Street

Captain.....	George H. Friel
Lieutenant.....	Edward J. Fitzgerald
Permanent Private.....	Ralph Barnes
Permanent Private.....	Frank A. Bibeau
Permanent Private.....	Edwin R. Bradshaw
Permanent Private.....	Daniel V. Cremins
Permanent Private.....	William F. Davidson, Jr.
Permanent Private.....	John J. Drinan
Permanent Private.....	James H. Glennon
Permanent Private.....	John W. McCabe
Permanent Private.....	Herbert J. Shea
Permanent Private.....	Manuel W. Souza
Permanent Private.....	Paul A. Touchette

REPAIR DIVISION

Inman Square

Master Mechanic, rank of Captain.....	William J. Reilly
Assistant Master Mechanic, rank of Engineman.....	Hugh J. Powers
Mechanic, rank of Private.....	Earland S. Cobb
Mechanic, rank of Private.....	William F. Newman, Jr.

CAUSES OF FIRES AND ALARMS

Accidents.....	43
Aiding or assisting persons.....	109
Automobiles.....	121
Bonfires.....	28
Careless smoker or workman.....	48
Careless use of lighted candle.....	2
Careless use of lighted cigarette.....	78
Careless use of lighted match.....	38
Children playing with matches.....	22
Chimney fires (soot).....	55
Clothing, etc., near flame or stove.....	6
Curtains blowing against flame.....	2
Defective A. D. T. system.....	11
Defective sprinkler system.....	30
Defective chimneys.....	14
Defective wiring in buildings.....	10
Defective wiring on poles and trees.....	1
Dump fires.....	41
False alarms.....	289
Fat or meat on stove or in oven.....	20
Fireworks, firecrackers, etc.....	6
Freight or electric cars.....	11
Fumes.....	29
Grass or brush.....	120
Hot ashes in wood box, barrel or carton.....	12
Hot electrical appliances.....	21
Hot pipe in smokers clothes.....	2
Incendiary.....	6
Kerosene or gas stoves, lamps, etc.....	3
Leaves in street or yard.....	29
Needless or unnecessary.....	20
Oil burners (range or power).....	93
Old trees or Christmas trees.....	21
Open or defective fireplaces.....	3
Overheated stove or smoke pipes.....	26
Rekindle.....	2
Responded outside city limits.....	99
Rubbish in street, building or yard.....	158
Rats and matches.....	1
Set by boys.....	41
Shavings or sawdust.....	10
Short circuit in motor or battery.....	31
Smoke, steam or sparks mistaken for fire.....	31
Smoky stove or chimney.....	11
Sparks from chimney.....	28
Sparks from locomotive.....	6
Sparks from stove or furnace.....	11
Smoking in bed.....	25
Spontaneous combustion.....	31
Static electricity.....	8
Thawing water pipes.....	4
Unknown.....	9
Total.....	1,875 alarms

REPORT OF SUPERINTENDENT OF BUILDINGS

Cambridge, Mass., May 29, 1940.

To His Honor the Mayor:

In accordance with the revised ordinances of this City I transmit herewith the annual report of the Building Department for the year ending December 31, 1939.

INSPECTION OF BUILDINGS

Number of applications received and permits granted . . .	741
Number of inspections of buildings	3,143
Number of violations	38

INSPECTION OF GAS FITTING

Number of applications received and permits granted . . .	1,541
Number of inspections and tests	3,039

INSPECTION OF PLUMBING

Number of applications received and permits granted . . .	595
Number of inspections and tests	1,398
Number of violations	4

INSPECTION OF ELEVATORS

Number of applications received and permits granted	10
Number of inspections and tests	812
Number of violations	61

Yours respectfully,

JOHN J. TERRY,
Superintendent of Public Buildings.

CLASSIFICATION OF STRUCTURES, 1939 (Continued)

NEW NON-RESIDENTIAL BUILDINGS	JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		TOTALS	
	No. of Bldgs.	Estimated Cost	No. of Bldgs.	Estimated Cost	No. of Bldgs.	Estimated Cost	No. of Bldgs.	Estimated Cost	No. of Bldgs.	Estimated Cost	No. of Bldgs.	Estimated Cost	No. of Bldgs.	Estimated Cost
Amusement and recreation places.....														
Churches, chapels, and parish houses.....														
Factories, bakeries, ice plants, greenhouses, laundries, and other workshops.....														
Garages, public.....														
Garages, private.....														
Gasoline and service stations.....														
Institutional buildings.....														
Office buildings, including banks.....														
Public buildings, including libraries and museums.....														
Public works and utilities.....														
Schools, grade and high.....														
Sheds, poultry houses, and other minor outbuildings.....														
Storage warehouses, coal pockets, lumber sheds, etc.....														
Stores, restaurants, and other mercantile buildings.....														
All other non-residential.....														
Totals.....	10	\$677,440	5	\$8,950	7	\$19,305	16	\$354,625	9	\$10,285	3	\$34,350	85	\$2,101,451

NEW RESIDENTIAL BUILDINGS 1939	JULY			AUGUST			SEPTEMBER			OCTOBER			NOVEMBER			DECEMBER			TOTALS		
	No. of Bldgs.	Estimated Cost	Families Planned for	No. of Bldgs.	Estimated Cost	Families Planned for	No. of Bldgs.	Estimated Cost	Families Planned for	No. of Bldgs.	Estimated Cost	Families Planned for	No. of Bldgs.	Estimated Cost	Families Planned for	No. of Bldgs.	Estimated Cost	Families Planned for	No. of Bldgs.	Estimated Cost	Families Planned for
Housekeeping dwellings (one family)	3	\$16,000	3				1	\$7,500		2	\$5,500		2	\$12,500		1	\$7,600		17	\$94,800	17
Two-family dwellings																			3	19,500	12
Multi-family dwellings (three or more families)																					
Non-housekeeping dwellings (lodging houses) . .																					
Total new residential buildings	3	\$16,000	3				1	\$7,500	1	2	\$5,500		2	\$12,500	2	1	\$7,600	1	20	\$114,300	29

CLASSIFICATION OF STRUCTURES, 1939 (Continued)

ADDITIONS, ALTERATIONS AND REPAIRS, 1939	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE	
	No. of Bldgs.	Esti- mated Cost	No. of Bldgs.	Esti- mated Cost	No. of Bldgs.	Esti- mated Cost	No. of Bldgs.	Esti- mated Cost	No. of Bldgs.	Esti- mated Cost	No. of Bldgs.	Esti- mated Cost
On residential buildings:												
Housekeeping dwellings, all kinds.....	15	\$6,255			21	\$6,710	28	\$14,487	45	\$28,147	32	\$24,555
On non-residential buildings	14	20,113	10	5,870	13	11,480	13	14,965	16	34,125	16	44,990
Total additions, alterations and repairs	29	\$26,368	24	\$16,531	34	\$18,190	41	\$29,452	61	\$62,272	48	\$69,545

ADDITIONS, ALTERATIONS AND REPAIRS 1939	JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		TOTALS	
	No. of Bldgs.	Esti- mated Cost	No. of Bldgs.	Esti- mated Cost	No. of Bldgs.	Esti- mated Cost	No. of Bldgs.	Esti- mated Cost	No. of Bldgs.	Esti- mated Cost	No. of Bldgs.	Esti- mated Cost	No. of Bldgs.	Esti- mated Cost
On residential buildings.														
Housekeeping dwellings, all kinds.....	42	\$27,753	33	\$18,844	32	\$16,630	35	\$39,595	35	\$11,470	13	\$7,895	345	\$213,102
On non-residential buildings.....	23	\$126,190	23	91,140	20	67,045	18	35,195	20	47,875	20	26,975	206	525,963
Total additions, alterations and repairs.....	65	\$153,943	56	\$109,984	52	\$83,675	53	\$74,890	55	\$59,345	33	\$34,870	551	\$739,065

REPORT OF THE PLANNING BOARD

For the Year Ending December 31, 1939

The Planning Board, in addition to its other duties, is required by Chapter 269 of the Acts of 1933 to give a public hearing and submit recommendations to the Council in all cases of application for change of zoning.

Membership: Arthur F. Grenier, Chairman, term expires 1942; John F. Ferrick, term expires 1941; George L. Dow, term expires 1942; Joseph Clarke, term expires 1945; Joseph S. Rezendes, Secretary, term expires 1943.

The Board held public hearings on zoning changes as follows:

October 9. Petition of Massachusetts Institute of Technology for amending of the Zoning Law, in so far as it pertained to the premises situated on Memorial Drive, containing 430,910 square feet of land, more or less, to change from R-2 to B-2. The Board voted to recommend that the petition be granted.

December 27. Petition of Charles F. Toppan et als for amendment to Zoning Law for establishing a new zone designated as R-5 in so far as it relates to the area one hundred feet wide on both sides of Highland Street, between Reservoir Street and Sparks Street.

The Board voted and recommended the passage of the amendment to the Building Ordinance, providing for a new building district, R-5 on Highland Street.

The Board also coöperated with the Metropolitan District Commission in regard to the construction of the traffic circle and overpass at the Cambridge end of the Cottage Farm Bridge. The Board also met at other meetings in regard to the study of traffic conditions and re-zoning in the City of Cambridge, for the purpose of assessing true values to the properties in the City of Cambridge.

Respectfully submitted,

ARTHUR F. GRENIER,
Chairman.

REPORT OF BOARD OF APPEAL

Cambridge, Mass., January 25, 1940.

To His Honor the Mayor:

In accordance with the provisions of the Zoning Law and Building Code, the Board of Appeal herewith submits its report for the year ending December 31, 1939.

The Board held seventeen public hearings and has had presented for its consideration ninety-six cases. These cases may be classified as follows:

Cases involving new buildings.....	35
Cases involving alterations to existing buildings.....	25
Cases involving additions to existing buildings.....	12
Cases involving occupation of existing buildings.....	11
Cases involving use of premises only.....	12
Concurrent decision on use of materials.....	1
Total.....	96

In the above mentioned cases modification of the Zoning Law and Building Code were sought under the following:

Rear yards.....	5
Setbacks.....	4
Side yards.....	5
Type of construction.....	20
Occupancy and use.....	20
Use of premises.....	11
Business buildings in residential districts.....	21
Height.....	1
Business signs in residential district.....	3
Areas.....	1
Garage for more than two cars.....	4
Concurrent decision on use of materials.....	1
Total.....	96

A summary of the decisions rendered by the Board on the above cases is as follows:

Granted.....	75
Denied.....	13
Withdrawn.....	6
Dismissed.....	2
Total.....	96

Inasmuch as the formation of a committee for the modernization of the Building Code and Zoning Law is planned, the Board feels that action will be forthcoming on the revision of the same during 1940. Such action has been recommended by the Board each year for the past few years.

Yours respectfully,

PARKER F. SOULE, *Chairman*,
JAMES J. WALSH,
WILLIAM LAWRENCE GALVIN.

REPORT OF BOARD OF PUBLIC WELFARE

April 1, 1940.

To His Honor the Mayor and the City Council:

The Board of Public Welfare respectfully submit their annual report for the year ending December 31, 1939. Thomas P. Dillon was elected chairman of the Board.

The Board of Public Welfare and the City of Cambridge suffered a great loss when Charles J. McMenimen, who was a member of the Board, died after a short illness.

During the year the number of cases aided as general relief cases was 3,931, the number aided under the Aid to Dependent Children law was 319, and the number aided under the Old Age Assistance law was 1,785.

The cost of maintaining the department is as follows:

	<i>Expenses</i>	<i>Receipts</i>	<i>Net</i>
Outside Aid	\$1,221,920 11	\$385,304 12	\$836,615 99
Old Age Assistance .	508,299 56	385,239 94	123,059 62
City Infirmary	74,012 09	2,937 35	71,074 74
	<hr/>	<hr/>	<hr/>
	\$1,804,231 76	\$773,481 41	\$1,030,750 35

Respectfully submitted,

THOMAS P. DILLON, *Chairman*,
PETER J. CAHILL,

Board of Public Welfare.

EXPENDITURES

Outside Aid

Personal Service:		
Salaries, permanent employees.....	\$28,204 69	
Salaries, temporary employees.....	5,107 04	
	<hr/>	\$33,311 73
Service other than Personal:		
Printing and binding.....	\$15 00	
Postage.....	450 00	
Transportation.....	700 00	
Cartage and freight.....	52	
Communication.....	486 74	
Fees.....	150 00	
Miscellaneous.....	2 50	
Travel outside State.....	125 00	
	<hr/>	1,929 76
Equipment:		
Office.....	\$330 84	330 84
Supplies:		
Office.....	\$834 46	834 46
Special Items:		
Burials.....	\$1,441 00	
Cash aid.....	854,932 20	
Clothing.....	5,220 88	
Food.....	10,360 43	
Fuel.....	37,835 14	
Medical.....	6,726 68	
Aid to dependent children.....	180,990 54	
State, cities and towns.....	66,797 54	
Institutions.....	21,208 91	
	<hr/>	1,185,513 32
		<hr/>
		\$1,221,920 11

EXPENDITURES

Old Age Assistance

Personal Service:		
Salaries, permanent employees.....	\$8,476 00	
Salaries, temporary employees.....	396 00	
	<hr/>	\$8,872 00
Service other than Personal:		
Postage.....	\$799 47	
Transportation.....	250 00	
Cartage and freight.....	3 00	
	<hr/>	1,052 47
Equipment:		
Office.....	\$749 45	749 45
Supplies:		
Office.....	\$453 72	453 72
Special Items:		
Cash to recipients.....	\$497,171 92	497,171 92
		<hr/>
		\$508,299 56

EXPENDITURES

City Home

Personal Service:

Salaries, permanent employees	\$32,265 49	
Salaries, temporary employees	230 50	

\$32,495 99

Service other than Personal:

Postage	\$20 00	
Transportation	360 00	
Freight and cartage	4 88	
Light and power	3,140 62	
Communication	246 38	
Medical service	58 50	
Boiler inspection	20 00	
Service not otherwise coded	410 55	
Burials	969 00	

5,229 93

Equipment:

Machinery	\$111 50	
Wearing apparel	946 96	
Equipment not otherwise coded	205 00	

1,263 46

Supplies:

Office supplies	\$24 98	
Food and ice	26,457 13	
Fuel	4,830 28	
Medical supplies	549 15	
Laundry and cleaning	576 69	
Motor vehicle, gas and oil	3 60	
Chemicals and disinfectants	49 07	
Tobacco	651 98	
Supplies not otherwise coded	1,393 50	
Bedding and linen	307 58	

34,843 96

Special Items:

Boiler repairs	\$178 75	
--------------------------	----------	--

178 75

\$74,012 09

RECEIPTS

Outside Aid

Other Cities and Towns:

Temporary aid	\$46,191 97	
Sick poor	5,482 90	

\$51,674 87

Commonwealth of Massachusetts:

Temporary aid	\$224,362 45	
Aid to dependent children	67,586 83	
Sick poor	3,143 28	

295,092 56

Other Sources:

Federal grants aid to dependent children	\$37,778 43	
Other sources	758 26	

38,536 69

Old Age Assistance

Other Cities and Towns	\$4,983 05	
Commonwealth of Massachusetts	155,139 93	
Federal Grants	225,116 96	

385,239 94

Total receipts

\$770,544 06

City Home

Board	\$2,937 35	
-----------------	------------	--

\$2,937 35

REPORT OF THE CITY PHYSICIAN

To His Honor the Mayor and the City Council:

Cambridge, Mass., January 1, 1940.

The report of the City Physician for the twelve months ending December 31, 1939 is hereby rendered:

City Home

Number of persons attended	949
Number of visits	370
Number of admissions	215
Number of deaths	46
Number of discharges	144
Cost of medicines, surgical appliances	\$549 15

Outside Aid

Number of persons attended	4,579
Number of visits to same	10,088
Number of persons sent to outside hospitals	7
Number of outside deaths	3
Number of outside births	3
Cost of medicines and surgical appliances	\$5,638 35

Departmental

Number of persons attended at police stations	62
Number of visits to same	62
Number of city employees examined for retirement	4
Number of visits to same	4
Number of firemen examined for retirement	1
Number of policemen examined for retirement	2

At the City Home further progress was made in bringing up-to-date the newly installed system of keeping records and charts. The continued employment of a resident interne facilitated this work and helped greatly in the care of the sick. A very good piece of work was done by the interne, Dr. John Larkin. We are indebted to the acting superintendent, Mr. Thomas Dillon, for his interest and coöperation.

The work at the dispensary maintained at the Cambridge City Hospital continued to work smoothly, and sick welfare recipients were provided with adequate medical care and medicinal supplies.

We are indebted to the Secretary of the Board of Public Welfare for his coöperation.

Respectfully submitted,

M. L. DRESSLER, M.D.,
City Physician.

ANNUAL REPORT OF THE SUPERINTENDENT OF THE CAMBRIDGE HOME FOR AGED AND INFIRM

To the Honorable Board of Public Welfare:

The annual report for the year ending December 31, 1939 is herewith respectfully submitted.

The current year witnessed the retirement of Mr. and Mrs. John T. Shea as Superintendent and Matron, respectively, of the Cambridge Home for Aged and Infirmary, after many years of faithful service to the City of Cambridge.

Superintendent Shea retired on pension on August 31. He was appointed Superintendent of the Home on May 28, 1917. Mrs. Shea retired on pension on April 1, 1939. She was appointed Matron of the Home on January 10, 1918.

Thomas P. Dillon, chairman of the Board of Public Welfare, assumed the duties of the Superintendent for the balance of the year.

STATISTICS

The following vital statistics are respectfully submitted:

	<i>Men</i>	<i>Women</i>	<i>Boys</i>	<i>Girls</i>	<i>Total</i>
Remaining December 31, 1938	151	74	3	2	230
Admissions	102	30	33	27	192
Total	253	104	36	29	422
Discharges	103	38	35	28	204
Remaining December 31, 1939	150	66	1	1	218

The average number of residents for the year	215
The highest number of residents for the year	243
The lowest number of residents for the year	207
The total number cared for during the year	422

Of the 192 admissions, 63 males and 29 females were born in Cambridge; 18 males and 11 females were born in other cities and towns in Massachusetts; 17 males and five females were born in other States. The total number of native-born citizens was 143, of which 98 were males and 45 were females. The total number of foreign born was 49, of which 37 were males and 12 were females.

The youngest person admitted was a female baby two weeks old. The oldest was a male, 88 years of age. The admissions by age groups follow:

	<i>Male</i>	<i>Female</i>		<i>Male</i>	<i>Female</i>
0-10.....	24	19	50-60.....	37	2
10-20.....	10	9	60-70.....	25	5
20-30.....	2	4	70-80.....	11	5
30-40.....	11	6	80-90.....	4	1
40-50.....	13	4			

DISCHARGES

Of those discharged during the year, the longest time in the home was a man whose residence was eight years, 11 months and 17 days. The shortest residence was that of a woman who remained only one day. The average residence of the men who were discharged during the year was eight months and three days. The average residence of the women who were discharged during the year was three months and three days. The average residence of the boys discharged during the year was one month and two days, while for the girls the average residence was 26 days.

Discharges during the year for reasons other than death were as follows:

	<i>Male</i>	<i>Female</i>
Other institutions.....	38	30
Work.....	23	2
Friends.....	1	0
Relatives.....	4	2
Old Age Assistance.....	3	1
To Home.....	8	11
To Board outside.....	0	1
Walked out.....	20	2
Civilian Conservation Corps.....	2	0
Other Causes.....	13	0

DEATHS

During the year 42 residents of the Home died. Of these, 24 were males who died in the Home and 14 females; four male residents of the Home died at the Cambridge City Hospital. The

longest time spent in the Home for the men was 30 years, six months and seven days. The longest time for the women was seven years, one month and 20 days. The shortest time for the men in the Home was five days, and for the women, nine days. The average length of stay for the men who died during the year was four years, seven months, 19 days; the average length of stay for the women who died during the year was two years, three months and 27 days. During the year, numerous entertainments were given by various individuals and organizations for the enjoyment of the residents.

MAYOR'S DAY

The twentieth annual Mayor's Day was observed on New Year's Day. Mayor John W. Lyons personally extended New Year's greetings to the residents. A program of entertainment was provided under the direction of Al Bates, Charles "Sandy" Chapman, John F. Moriarty and Maurice Corkery, manager of the Central Square Theater. Gifts of candy, tobacco and ice cream were distributed.

FEDERAL THEATER PROJECT

During the year, 20 Federal Theater Project units visited the Home and presented vaudeville shows. These entertainments were provided through the coöperation of Thomas D. Senna, State Supervisor, of this Federal agency.

MASSACHUSETTS EDUCATIONAL PROJECT

Through the coöperation of William Haddon, state supervisor of the Federal music project, and M. B. Seaver, supervisor of District 2, weekly musical concerts were given at the Home throughout the year by the following units: Everett Orchestra, Somerville Orchestra, Trimount Orchestra, Beacon Federal Orchestra, Quincy Orchestra, Newton Orchestra, Frank E. Ward's Modern Rhythm Orchestra, Medford Band, Southland Singers, American Folk Singers and the WPA Commonwealth Singers.

IMMACULATE CONCEPTION PLAYERS

Under the sponsorship of Rev. John F. Broderick, the Immaculate Conception Players presented a three-act comedy on Sunday, March 11, for the enjoyment of the residents of the Home.

ELKS' DAY

Exalted Ruler Edward H. Donovan led a large delegation of members of Cambridge Lodge of Elks to the Home on Sunday, April 30, for the annual visitation and presentation of gifts and an exceptionally fine entertainment program.

MOTHER'S DAY

Court Louise, Catholic Daughters of America, visited the Home on Sunday, May 14, to present their annual Mother's Day program. Gifts of tobacco, candy and flowers were presented to the residents and a splendid entertainment program was offered. The program was arranged and presented by Grand Regent Mrs Ellen Shea and Mrs. William D. Berkeley, who presided.

COLUMBUS DAY

In keeping with their annual custom, officers and members of Cambridge Council No. 74, Knights of Columbus, visited the Home on October 12 to present gifts and a program of entertainment for the residents' enjoyment. The program was arranged and presented by Grand Knight William Stanger and Deputy Grand Knight George F. Olleson, who presided.

MOVIES

Through the personal efforts of former Supt. John T. Shea several entertaining and amusing motion picture programs were presented for the enjoyment of the residents of the Home. These programs gave the residents an opportunity to witness many recently released motion pictures.

THANKSGIVING DAY

As has been their custom for thirteen years, the Misses Copp of 7 Chester Street, Cambridge, supplied the turkeys used at the Home for the Thanksgiving Day dinner.

BELMONT CHORAL SOCIETY

Mrs. Grace Reynolds led the Belmont Choral Society in the presentation of a musical program on December 14.

ST. PETER'S LADIES' SODALITY

A religious pageant sponsored by Rev. James T. McKeon was presented by a cast of fifty members of St. Peter's Ladies' Sodality on December 17.

FATHER CALLANAN DAY

Commemorating Rev. Patrick H. Callanan, beloved pastor of St. Peter's Church, December 18 was observed at the Home as Father Callanan Day. Rev. James T. McKeon opened the day by celebrating Mass in the auditorium. Gifts of candy, tobacco and ice cream were distributed to all residents of the Home. These gifts were purchased with the income of the Father Callanan Fund which was bequeathed for this specific purpose.

CHRISTMAS PROGRAM

North Cambridge Council No. 269, Knights of Columbus, and Court LaRabida, Catholic Daughters of America, combined their efforts to provide an entertainment program and gifts to open the Christmas season for residents of the Home. This visitation was made on the Sunday before Christmas under the leadership of Grand Knight Maurice Harrington and Grand Regent Mrs. Virginia Verdi.

On Christmas Eve, the Cambridge High School carolers led by Benedict Fitzgerald and Thomas Quinn, supervisors of music in the school department, presented a program of carols.

Interest from the Sarah E. Russell fund was used to purchase Christmas decorations for the building and grounds.

GIFTS

On behalf of all the residents of the Home, we gratefully acknowledge gifts of magazines, books, clothing, fruit and flowers which were received throughout the year from many kind and thoughtful individuals and organizations throughout the city.

RELIGIOUS SERVICES

Catholic and Protestant religious services were held throughout the year at the Home for the spiritual comfort of the residents.

We are deeply grateful to Rev. Francis V. Murphy, D.D., pastor of St. Peter's Church, and to the curates of the church for

their untiring efforts on behalf of the Catholic residents of the Home.

Miss Margaret M. Worcester of 5 Bryant Street, Cambridge, secretary of the Associated Protestant Churches, has earned the gratitude of the residents of the Home for arranging Protestant religious services for the entire year.

The Misses Copp conducted religious services at the Home on the first Sunday of each month throughout the year.

The gratitude of the residents of the Home and of the staff is profoundly expressed to Mr. George S. Tucker of Arlington, who has visited the Home weekly throughout the year bringing gifts of clothing and magazines for the residents.

ACKNOWLEDGMENT

The Acting Superintendent acknowledges with sincere gratitude the splendid coöperation which he received from the entire staff of the Home, and expresses his appreciation to all who aided in the administration of the affairs of the Cambridge Home for Aged and Infirm during 1939.

Respectfully submitted,

THOMAS P. DILLON,
Acting Superintendent.



CAHILL HOUSE
New Maternity Unit of the Cambridge City Hospital

REPORT OF BOARD OF TRUSTEES CAMBRIDGE CITY HOSPITAL

BOARD OF TRUSTEES

LAWRENCE C. FELONEY, *Chairman*

JOHN H. HURLEY

JOHN J. CARVER

MORRIS L. DRESSLER, M.D.

DANIEL A. LYNCH

GERTRUDE D. STAPLETON, R.N., *Superintendent*

GERTRUDE A. GRANFIELD, R.N., *Assistant Superintendent*

To His Honor the Mayor and City Council:

The Board of Trustees of the Cambridge City Hospital submit herewith the twenty-third annual report of the Hospital for the year ending December 31, 1939.

The reports of the Superintendent, the Director of the Social Service, the Pathologist and Dietitian, together with detailed statistics, are also submitted herewith and made part of this report.

The Board of Trustees was organized January 31, 1939, by the election of Mr. Lawrence C. Feloney as chairman for the year 1939. Mr. John H. Hurley was elected vice-chairman and Owen F. McCall, secretary for the same period.

Mr. Daniel A. Lynch was appointed in December of this year as a member of the Board of Trustees to serve for the remainder of the term of five years beginning May 1, 1939, to succeed Mr. Paul F. Hillery, resigned.

CAHILL HOUSE

The outstanding event of the year has been the completion of the Cahill House, new maternity unit at the Cambridge City Hospital. In this building the Hospital possesses facilities for the care of mothers and infant babies as modern and complete as architectural and medical experience can devise.

His Honor, Mayor Lyons, realizing the cramped conditions in the main building and the need of additional space for maternity cases, decided after a conference with the Board of Trustees to take advantage of the offer of Federal funds and to construct this new maternity hospital.

The total cost of the building was \$321,291.96. The city's share amounted to \$174,029.96 and the grant received from the Federal Government amounted to \$147,262.00. It is a fireproof structure throughout, four stories high, "L" shape in plan, and covers a ground area of 8,500 square feet. It is located at the easterly end of the hospital grounds at the corner of Line Street, with its principal frontage on Cambridge Street.

There are accommodations for one hundred beds, with the wards subdivided into four bed units separated by steel partitions, and each bed in the group is further provided with curtain enclosure to give added quiet and comfort to the patient. Single or double rooms, some with toilets connecting, are also provided. There are rooms with facilities for the proper and efficient servicing of the patients on each floor.

On the top floor are two large completely equipped operating rooms with three delivery rooms and laboratory rooms near by. Conveniently accessible are preparation rooms fitted with complete sterilizing apparatus for modern medical and surgical requirements. Rest rooms are provided for doctors on call which are provided with locker and shower facilities for the use of the operating staff.

The babies are cared for on each of the floors occupied by patients, in nurseries specially arranged with individual compartments, with dividing glass partitions so that cross infection can be prevented. Separate bassinets on wheeled stands are provided for each baby, fitted with compartments in which are kept the daily dressing requirements for each infant. The planning and placing of the nurseries received special attention to secure the maximum sunlight and air.

Prematurely born babies have their own nursery, air conditioned and equipped with electrically heated incubators fitted with thermostatic control. There is also a specially equipped nursery for infants requiring isolation.

A completely equipped unit fitted for the purpose of preparing special milk formulas for each baby's individual need is also provided.



NURSERY

With isolation technique for each bassinet. Baskets tilt to head-high or head-low position



WARD

Showing two beds of a four-bed unit and curtain enclosure arrangement for privacy
Note all metal sanitary equipment

Prenatal and postnatal examinations of patients are conducted on the ground floor, with a separate entrance from the hospital grounds. Several rooms for this purpose are provided, each one having separate toilet facilities with dressing rooms, arranged to assure privacy.

Future expansion has been considered in the design of the structural parts of the building so that an additional story may be added when needed with a minimum of inconvenience to the occupancy and administration of the present structure.

Noise is minimized by the use of acoustical treatment on ceilings of the corridors, wards, and other rooms where necessary.

The building was accepted as substantially completed by the Board of Trustees on November 1, 1939, and on Sunday afternoon, November 5, 1939, a public inspection of the new maternity building, to be known as the Cahill House, was held, and eight hundred interested men and women were escorted through the building with the aid of nurses and doctors, who pointed out the many improvements.

The building is to be dedicated sometime in January to the memory of two brothers, Dr. Charles S. Cahill and Dr. Thomas J. Cahill. Dr. Charles Cahill was one of the original trustees appointed and served for many years as chairman of the Board. His brother, Dr. Thomas Cahill, was for many years chief visiting obstetrician for the Hospital.

APPOINTMENTS, RESIGNATIONS AND DEATHS

During the course of the year Miss Ruth Easterling was appointed to the Laboratory as a technician by the Board of Trustees, in order that all routine laboratory work might be performed currently.

On July of this year an accountant, Mr. Martin F. Nolan, was added to the hospital personnel. A committee consisting of Chairman Feloney and Trustees Hillery and Dressler was appointed by the Trustees to confer with Mr. Nolan upon the work to be done and lay plans to carry it out.

As a result, the entire clerical and accounting procedure of the Hospital was revamped and modernized. Subsequently, revenue, expenditure and purchase ledgers were installed. Studies were made, based on the general clerical and accounting practices

followed in most hospitals and the groundwork laid to bring our procedure into line.

Registration and investigation methods, in the out-patient clinics, were revised and a residence identification rule for applicants inaugurated.

Studies were made of clinical functions and fees and the groundwork laid for progressive revision of procedures and changes in certain fees.

The prenatal clinic was brought into closer coöperation with the hospital office in the method and requirements for patients' social histories.

Correspondence was carried on with the Welfare and Health Boards for the purpose of coördinating and simplifying the related functions of these departments with regard to the Hospital. The work, of this nature, accomplished in 1939 was foundation work and 1940 should see the accounting practices of the Hospital on a sound and efficient basis.

We are also sorry to record the death of Thomas F. Murphy, fireman, who was connected with the Hospital for many years. With him, we lost an efficient employee and a kindly gentleman.

In the course of the year the Trustees accepted with regret the resignation of Dr. George H. McGinnis, for many years a visiting pediatrician at the Hospital.

HARVARD X-RAY UNIT

Through the efforts of His Honor, Mayor Lyons, a valuable addition was made to the X-ray Department during the year. As a result of conferences between the Mayor and President Conant of Harvard University, a plan proposing to establish an X-ray unit at the Hospital to be known as the Harvard X-ray Unit; to provide the necessary salary for a Resident in X-ray; the Cambridge City Hospital to provide maintenance for the Resident, was submitted to the Board of Trustees by Harvard University for approval. Under the provisions of the agreement, Harvard University furnishes an additional sum of five hundred dollars annually, to be used for the maintenance of this equipment.

The proposed plan was accepted by the Board of Trustees on August 22, 1939 and Dr. Frederick O'Brien, Chief Roentgenologist at the Hospital, was authorized to carry out the necessary details to its completion which were approved November 27, and the

Board of Trustees are happy to state that the new unit will be installed some time the first of the coming year.

REPAIRS AND IMPROVEMENTS

Many repairs and improvements were accomplished during the year. Most important was the replacement of the present ammonia refrigerating and ice making system located in the kitchen which could not be safely postponed any longer without seriously crippling the operating efficiency of the Hospital.

Changes made to the main entrance to the hospital have surprisingly improved its appearance. The badly worn doors were replaced with shorter ones for easier handling, with a glass section in the upper part to provide better vision and light. This work was supervised through the courtesy of Mr. McLaughlin of the firm of McLaughlin & Burr, Architects.

Some very essential needs to the X-ray Department were taken care of from this year's funds. The radiographic table in the X-ray room and the G.U. table in the operating room were shock-proofed as a safety measure both for the patients and doctors who come in contact with this equipment. Leaded protection was installed in the treatment room and radiographic room as a protection for the X-ray Technician against picking up scattered radiation. A new 200,000 volt shock-proofed Westinghouse Deep Therapy machine was purchased. With this additional equipment the functioning power of the X-ray Department will be increased considerably; many more cases should be treated and our X-ray work greatly improved.

NEEDS OF THE HOSPITAL

In this report, the Trustees wish to call to your attention, that, while this Hospital structure has grown in size, there have been no provisions to increase the space and facilities of the kitchen and laundry, since the Hospital was built.

There is a growing need of additional space and facilities in the kitchen, quarters for men attendants, dining facilities and more homelike environment for the staff, all of which could be provided for in a new Service Building. At the same time space used in the main building for such purposes, now, could be released for other uses. Such space is badly needed.

Removal of the present building known as the West Home

and the construction of a wing to the nurses' home on the site connected with the present building by a one-story lounge; together with separate kitchen and dining facilities for women attendants and offices for attending physicians on the first floor of the new wing is also one of the growing needs.

The present boiler facilities are taxed to their full capacity and the remodeling of the present boiler room is recommended to provide additional space for an auxiliary boiler to care for the future growth of the Hospital. The enlargement of laundry space together with new and modernized equipment is also badly needed.

There is need of receiving room and supply storage space and fireproof storage space for office and X-ray files, all of which could be taken care of in the proposed service building.

Extension of the ornate fence to complete the entire Cambridge Street frontage of the hospital grounds in a uniform manner should also be considered when the necessary funds are available.

CONCLUSION

The Trustees were extremely busy throughout the year meeting the various problems continually coming up during the construction of Cahill House. A total of twelve regular meetings and twelve special meetings were held during the year.

The Hospital ends one of the most important years of its history with warm gratitude for the munificence which has made the above developments possible, and the Trustees record with deep appreciation the helpful coöperation of His Honor the Mayor, the members of the City Council and the hospital personnel, the efficiency and enthusiasm of whose coöperation is the sound basis on which the reputation of this Hospital has been built.

Yours respectfully,

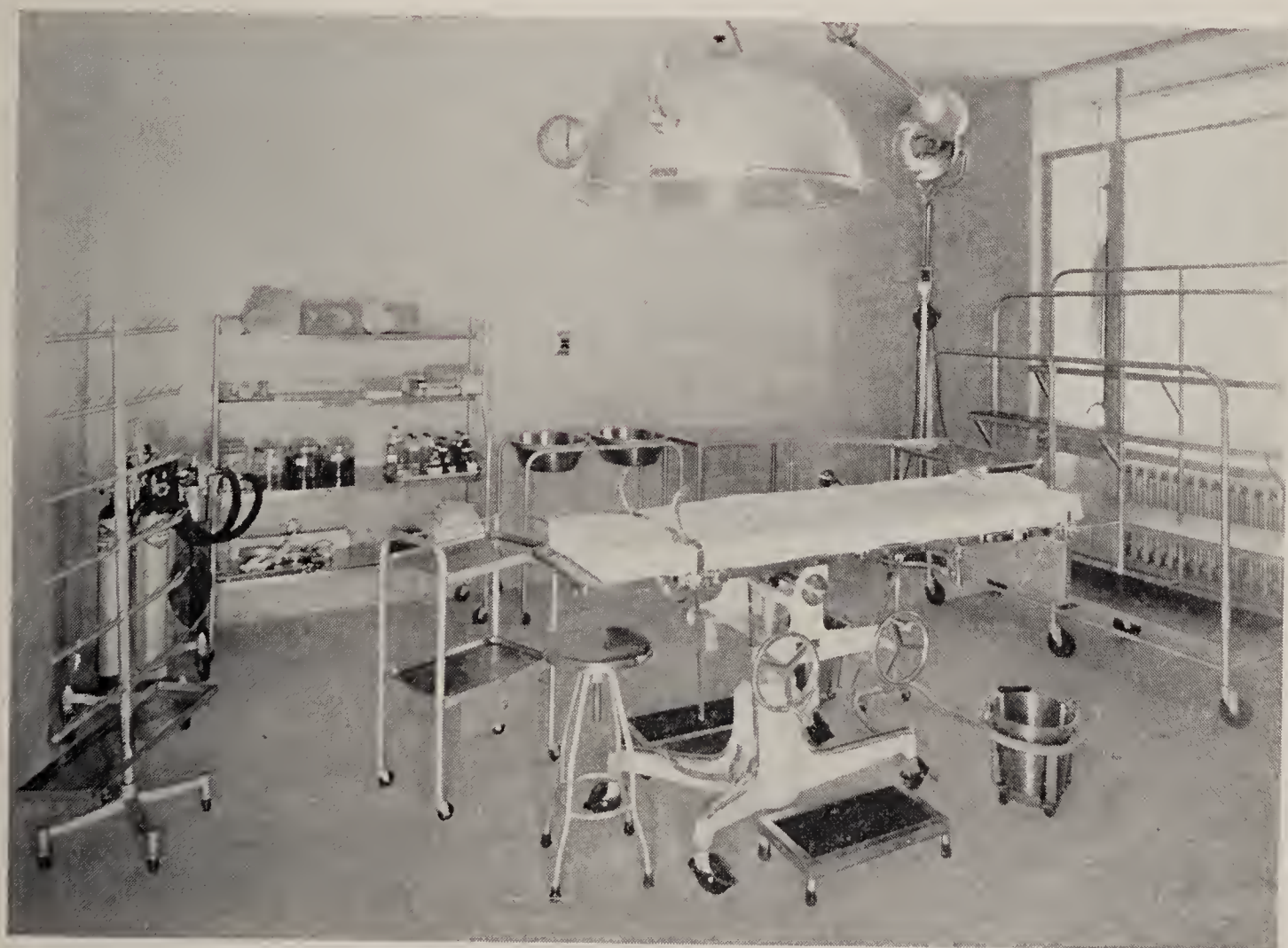
LAWRENCE C. FELONEY, *Chairman*
JOHN H. HURLEY
JOHN J. CARVER
MORRIS L. DRESSLER
DANIEL A. LYNCH

Board of Trustees of Cambridge City Hospital.



DELIVERY ROOM

Showing electrically heated bassinet, resuscitation tubs, curved instrument table, stool, and utensil stand



OPERATING ROOM

Note anesthetist's table, surgeon's stool, kick bucket, sponge rack, observation stand, and solution stand

The Hospital Staff is as follows:

SURGICAL STAFF — 1939

- Dr. Harry H. Germain, Surgeon-in-Chief, 479 Commonwealth Avenue, Boston.
Dr. Daniel F. Mahoney, Senior Visiting Surgeon, Copley Plaza Hotel, Boston.
Dr. Edward J. O'Brien, Senior Visiting Surgeon, 270 Commonwealth Avenue, Boston.
Dr. Edward T. Downey, Assistant Visiting Surgeon, 475 Commonwealth Avenue, Boston.
Dr. Emilio D'Errico, Assistant Visiting Surgeon, 44 Lawrence Road, Medford.
Dr. Edward Ormsby, Assistant Visiting Surgeon, 22 Caruth Street, Dorchester.
Dr. Llewellyn H. Rockwell, Assistant Visiting Surgeon, 270 Commonwealth Avenue, Boston.
Dr. Edward W. Feeley, Surgeon, S. O. P. D., 15 Medford Street, Arlington.
Dr. Henry F. Groden, Surgeon, S. O. P. D., 464 Commonwealth Avenue, Boston.
Dr. John F. Collins, Surgeon, S. O. P. D., 87 Endicott Avenue, Revere.
Dr. Charles Bruschi, Surgeon to Rectal O. P. D., 843 Massachusetts Avenue, Cambridge.
Dr. Lawrence T. Mullen, Surgeon to S. O. P. D., 2247 Massachusetts Avenue, Cambridge.
Dr. John B. Vernaglia, Surgeon to S. O. P. D., 80 High Street, Medford.
Dr. William G. O'Connor, Surgeon to S. O. P. D., 329 Broadway, Cambridge.
Dr. John C. McGirr, Surgeon to S. O. P. D., 1436 Cambridge Street, Cambridge.
Dr. Paul Goodwin, Volunteer Assistant Surgeon to V. V. O. P. D., 510 High Street, West Medford.
Dr. Alphonse C. Kallan, Temporary Assistant Surgeon to V. V. O. P. D., 475 Commonwealth Avenue, Boston.
Dr. Frank J. Sullivan, Temporary Assistant Surgeon to V. V. O. P. D., 151 Mt. Auburn Street, Cambridge.

MEDICAL STAFF

- Dr. Felix F. McGirr, Physician-in-Chief, 1436 Cambridge Street, Cambridge.
Dr. John F. Fair, Visiting Physician, 81 Dana Street, Cambridge.
Dr. Leo T. Myles, Visiting Physician, 1776 Massachusetts Avenue, Cambridge.
Dr. Andrew Downing, Visiting Physician, 333 Huron Avenue, Cambridge.
Dr. Edward J. O'Rourke, Visiting Physician, 2280 Massachusetts Avenue, Cambridge.
Dr. J. Allen Thompson, Visiting Physician, 900 Massachusetts Avenue, Cambridge.
Dr. W. Archibald, Physician to M. O. P. D., 837 Massachusetts Avenue, Cambridge.
Dr. Joseph A. Bruschi, Physician to M. O. P. D., 843 Massachusetts Avenue, Cambridge.
Dr. Albert C. Poirier, Physician to M. O. P. D., 2179 Massachusetts Avenue, Cambridge.
Dr. Samuel Grosberg, Physician to M. O. P. D., 316 Huron Avenue, Cambridge.

ORTHOPEDIC STAFF

- Dr. B. A. Godvin, Orthopedic Surgeon-in-Chief, 483 Beacon Street, Boston.
Dr. Arthur Sargent, Orthopedic Surgeon, 465 Beacon Street, Boston.
Dr. William N. Lanigan, Orthopedic Surgeon, 187 Main Street, Medford.
Dr. Fred L. DeGiacomo, Surgeon to Orthopedic O. P. D., 584 Columbia Road, Dorchester.
Dr. Stephen J. Malone, Assistant to Orthopedic O. P. D., 490 Commonwealth Avenue, Boston.
Dr. Waldo W. Robbins, Assistant in Orthopedics in charge of Physiotherapy, 16 Garfield Street, Cambridge.
Dr. Thomas E. Caulfield, Physician in charge of Arthritis and Allergy, 14 Church Avenue, Woburn.
Dr. Salvatore Lima, Volunteer Assistant to Allergy Clinic, 68 Berkshire Street, Cambridge.

LARYNGOLOGISTS

- Dr. Wright P. Hewitt, Surgeon-in-Chief to Ear, Nose and Throat Service, 52 Brattle Street, Cambridge.
Dr. Arthur Morrissey, Visiting Surgeon, Ear, Nose and Throat Service, 44 Marshall Street, Medford.
Dr. Willis E. Clarke, Visiting Surgeon, Ear, Nose and Throat Service, 482 Beacon Street, Boston.
Dr. Walter Jellis, Visiting Surgeon, Ear, Nose and Throat Service, 71 College Avenue, Somerville.

ROENTGENOLOGISTS

- Dr. Frederick W. O'Brien, Roentgenologist, 465 Beacon Street, Boston.
Dr. Arthur P. Shinney, Assistant Roentgenologist, 465 Beacon Street, Boston.

RESIDENT PATHOLOGIST

- Dr. Leon K. Baldauf, 1787 Cambridge Street, Cambridge.

OBSTETRICIANS

- Dr. Frederick J. Lynch, Obstetrician-in-Chief, 475 Commonwealth Avenue, Boston.
Dr. Philip P. McGovern, Senior Visiting Obstetrician, 1525 Cambridge Street, Cambridge.
Dr. James Conway, Visiting Obstetrician, 989 South Street, Roslindale.
Dr. Cornelius T. O'Connor, Visiting Obstetrician, 475 Commonwealth Avenue, Boston.
Dr. Philip J. Shea, Visiting Obstetrician, 35 Cameron Avenue, Cambridge.

PEDIATRICIANS

- Dr. Eugene Gorman, Chief Physician Pediatric Service, 122 Main Street, Watertown.
Dr. Frank T. Downey, Visiting Pediatrician, 276 Huron Avenue, Cambridge.
Dr. George H. McGinnis, Visiting Pediatrician, 30 Holton Street, Allston.
Dr. Christopher Egan, Visiting Pediatrician to O. P. D., 68 Trapelo Road, Belmont.

DENTAL SURGEONS

- Dr. Joseph B. Rockett, Chief of Dental Surgeons, 520 Beacon Street, Boston.
Dr. Frank McLean, Assistant Dental Surgeon, 140 Federal Street, Boston.
Dr. Matthew Shea, Assistant Dental Surgeon, 1218 Massachusetts Avenue, Cambridge.
Dr. Francis K. Mulcahy, Assistant Dental Surgeon, 1218 Massachusetts Avenue, Cambridge.
Dr. Carl C. Larsen, Assistant Dental Surgeon, 657 East Fifth Street, South Boston.
Dr. William Griffin, Assistant Dental Surgeon, 520 Beacon Street, Boston.
Dr. Jonathan P. Edwards, Assistant Dental Surgeon, 130 North Washington Street, North Attleboro.
Dr. Ralph Metters, Assistant Dental Surgeon, 130 North Washington Street, North Attleboro.

DERMATOLOGISTS AND SYPHILOLOGISTS

- Dr. Walter Garfield, Chief Dermatologist, 19 Bay State Road, Boston
Dr. Arthur Simmons, Visiting Dermatologist, 1284 Commonwealth Avenue, Brookline.
Dr. E. A. Lafreniere, Visiting Dermatologist, 230 Massachusetts Avenue, Arlington.
Dr. George Schwartz, Visiting Dermatologist, 311 Commonwealth Avenue, Boston.

OPHTHALMOLOGISTS

- Dr. Hugh C. Donahue, Ophthalmic Surgeon-in-Chief, 520 Commonwealth Avenue, Boston.
Dr. Arthur Morrissey, Visiting Ophthalmic Surgeon, 44 Marshall Street, Medford.
Dr. Cornelius Hickey, Visiting Ophthalmologist Surgeon, 39 Bay State Road, Boston.

CONSULTANTS

Dr. William MacDonald, Dermatologist, 270 Commonwealth Avenue, Boston.
Dr. Frederick Good, Obstetrician, 20 Commonwealth Avenue, Boston.
Dr. Maxwell E. MacDonald, Neurologist, 270 Commonwealth Avenue, Boston.
Dr. William P. Beetham, Ophthalmologist, 5 Bay State Road, Boston.
Dr. Timothy Leary, Pathologist, 43 Bay State Road, Boston.
Dr. Siton Graybiel, Cardiologist, 270 Commonwealth Avenue, Boston.

ANESTHETIST

Dr. William A. Noonan, 270 Commonwealth Avenue, Boston.

CARDIOLOGISTS

Dr. Joseph A. Brusch, Cardiologist, 843 Massachusetts Avenue, Cambridge.
Dr. Edward Barron, Assistant Cardiologist, Slater Building, Worcester.

NEURO-PSYCHIATRIST

Dr. Henry M. Baker, 371 Commonwealth Avenue, Boston.

REPORT OF THE SUPERINTENDENT

Nineteen thirty-nine ushered in the third decade of the School of Nursing. During the year thirty-two students entered the School. Of this number nineteen remained to pursue the three-year course, having proven their adaptability to the scholastic and physical exigencies of a school of nursing. On December 31 there were in the School forty-seven student nurses and seventeen preliminary students.

On December 6, 1939, at the annual graduation exercises of the School, presided over by Mr. Lawrence C. Feloney, Chairman of the Board of Trustees, His Honor John W. Lyons, Mayor of the City of Cambridge, presented twenty-eight diplomas to graduates of the School. This was the largest graduating class in the history of the School.

The year was a busy one, its calendar embracing a steadily increasing program of educational and professional activities. The Nursing Procedure Book of the School was completely revised and expanded to meet the needs of the entire nursing personnel. Due to the interested efforts of the graduates, our School was one of the first in the vicinity to become the proud possessor of one of the 1939 Chase Nursing Demonstration Models. Our new "Mrs. Chase" (as all such models are known the Nursing World over) has made possible demonstrations and repeated practices of nursing procedures which are difficult for preliminary students to grasp readily. The facilities of the Nursing Demonstration Classroom were also extended and improved to meet the demands of the increasing size of the School.

We are proud of our Nurses' Reference Library, which,

although it is only in its fifth year of operation, is an excellent one and now contains seven hundred seventy-two volumes. Its circulation is an active one. During the past year it was catalogued and a very complete pamphlet file covering all branches of nursing and related subjects was installed. Our student body coöperated in several activities making possible the completion of the built-in bookcases, which will allow for tripling our present number of volumes before further renovation will be necessary. Until this additional space is needed for books it is being used for our anatomical models and Materia Medica exhibit. Gay new draperies to make the room more homelike were also added.

As the year progressed, Cahill House neared completion. Early in November, Open House was held and eight hundred people were escorted through the building during the three-hour period by the graduate personnel of the main building. Without exception our guests were as delighted with this beautiful new maternity building as we had been on earlier tours. Probably the most interesting rooms to most of the visitors were the nurseries, especially the incubator room which is absolutely modern with all its life-preserving equipment.

The waning year brought the Christmas season which we feel is one of the most significant in a hospital. Understanding service is the keynote of the nursing field, and there is probably no time at which it is expressed more beautifully than at Christmas when the hospitalized patient is made happy even though separated from his own family. All patients in the institution were remembered with a gift from His Honor, Mayor John W. Lyons, as well as from our Santa Claus. Of course Santa's trip to the Children's Ward is the culmination of the happy morning and each child not only received the toy he asked Santa for days before, but finds that the new warm clothing in his generous sized package "just fits."

For a progressive year during which it was possible to make a few of our goals realities we express appreciation for the continual coöperation of His Honor, John W. Lyons, Mayor of the City of Cambridge, the City Council, the Board of Trustees, and the members of the Visiting Staff serving the Hospital.

Respectfully submitted,

GERTRUDE D. STAPLETON,
Superintendent.

ANNUAL REPORT SOCIAL SERVICE DEPARTMENT FOR THE YEAR 1939

During 1939, there were 1,517 patients referred to the Social Service Department; 677 of this total were Prenatal patients and 840 were "General Cases."

An arrangement is made with patients reporting to Prenatal Clinic so that they may pay in small amounts for their care in advance. This relieves the expectant mother of the anxiety of meeting a full confinement bill at one time. It is understood that no person with inadequate income, or a family being aided is made to pay any amount. The total receipts in the clinic for 1939 amounted to \$687.00. It is not possible to report on money paid by these persons through the office.

All cases referred to the department not in the above group are termed "General Cases." There were 777 such patients referred during the year; 499 were House patients and 278 were Out-Patients.

The services rendered these sick dependents are varied. There is the need for convalescent care; permanent care for chronic patients in such hospitals as Rose Hawthorne Home for Cancer; Holy Ghost Hospital; Pondville State Hospital and the various public institutions. In planning for recipients of Old Age assistance ready coöperation was offered by the Cambridge Bureau. Social planning, medical check-up following hospitalization, transportation to the clinics as provided by the Red Cross Motor Corps; home visits to discharged House patients; supplying of teeth, Orthopedic appliances, medicine, glasses and "Special Diets" are other requests made to the department. Summer convalescence for children with poor physical background means much toward a winter of good health. Many of the children referred from the House and Pediatric Clinic are given this opportunity.

To all the Social Agencies, public and private, appreciation is expressed for their assistance in helping the Social Service Department to effect plans for patients in need.

Respectfully submitted,

BEATRICE K. QUINN,
Director of Social Service.

CLINICAL LABORATORY REPORT

Appended is a detailed report of the examinations performed in the Laboratory during the year 1939.

In addition to the regular Laboratory staff, we have had the very satisfactory assistance of three National Youth Workers, James Casey, Umberto Camarra, and Joseph Servello.

LEON K. BALDAUF, M.D.,
Pathologist.

LABORATORY REPORT—1939

Ascitic fluid.....	1
Bacterial smears.....	746
Blood chemistry:	
Calcium.....	1
Chlorides.....	1
Cholesterol.....	1
Creatinin.....	2
Nitrogen.....	805
Sugar.....	700
Uric acid.....	2
Total protein.....	11
Blood counts:	
Red.....	4,322
White.....	4,213
Hemoglobin.....	4,322
Differential.....	1,668
Platelet.....	22
Reticulocyte.....	13
Color index.....	3
Bleeding time.....	44
Clotting.....	42
Blood fragility.....	6
Blood sedimentation rate.....	183
Blood typing.....	275
Dark fields.....	11
Faeces.....	335
Gastric analysis:	
Free HCl.....	49
Lactic acid.....	33
Bile, blood, etc.....	1
Hintons — rapid.....	138
Icteric index.....	95
Metabolism.....	133
Mosenthal.....	18
Pneumococcus typing.....	64
Renal function.....	32
Spinal fluid:	
All count.....	26
Chlorides.....	16
Colloidal gold.....	10
Protein.....	58
Sugar.....	27
Sputa.....	312
Takata-Ara.....	7



SERVING PANTRY

Note electric food conveyor with milk-dispensing pump, tray-serving truck and work table with hot plates

Urines (routine)	8,896
Acetone	1,564
Quantitative sugar	658
Van den Bergh	5
Vomitus	6
Wassermanns	3,371
Liver functions	7
Tissues	644
	<hr/>
	33,900

REPORT OF SPECIAL DIET KITCHEN

During the year 1939, the Special Diet Kitchen served 9,622 diets. This was an increase of 1,724 over the number of diets served during 1938. This figure does not include the formulae prepared for the Pediatric Service.

In the year 1939, 26 Student Nurses received special instruction in the Kitchen, in addition to the courses given in the classroom. This training period lasts for six weeks.

Appended, is a detailed report of the diets prepared in the Special Diet Kitchen during the year 1939.

Respectfully submitted,

E. MARIAN OLIVER,
Dietitian.

SPECIAL DIET RECORD FOR 1939

Total number of diets, 9,622.

Daily average of diets, 26.3.

<i>Type of Diet</i>	<i>Totals</i>
Diabetic	1,755
High caloric	2,124
Nephritic	1,590
Modified sippy	1,792
Fat free	1,003
Obesity	564
Anemic	54
High vitamin	29
High protein without salt	19
Low residue	366
High protein	118
Allergic	10
Bland	66
High residue	33
Salt free	47
Rowe's elimination	13
Asthmatic	20
Soft solid without salt	19
	<hr/>
	9 622

BRIEF STATEMENT OF EXPENDITURES AND RECEIPTS

January 1, 1939 to December 31, 1939

Salaries.....	\$155,751 28
Services other than personal.....	16,610 84
Equipment.....	11,672 16
Supplies.....	122,346 98
Special items.....	581 00
	<hr/>
	\$306,962 26
Received from patients January 1, 1939 to December 31, 1939.....	\$58,681 36

STATISTICS FROM JANUARY 1, 1939 TO DECEMBER 31, 1939

Total admissions to Hospital during the year.....	6,206
Surgical admissions.....	1,674
Medical admissions.....	1,325
Obstetrical admissions.....	929
Newborn admissions.....	827
Aural admissions.....	636
Orthopedic admissions.....	330
Oral admissions.....	37
Ophthalmic admissions.....	36
Pediatric admissions.....	410
Dermatological admissions.....	2
Daily average of patients in Hospital.....	188
Largest number of patients in Hospital in one day.....	238
Smallest number of patients in Hospital in one day.....	145
Patients treated in Out-Patient Department.....	16,520
Total number of visits to Out-Patient Department.....	52,609
Patients treated in Accident Room.....	10,385
Patients remaining in Hospital January 1, 1939.....	170
Patients remaining in Hospital December 31, 1939.....	184
Number of patients treated in X-ray Department.....	7,467
Number X-rayed.....	6,907
Number fluoroscoped.....	300
Number receiving X-ray Therapy.....	260

DISCHARGES AND THEIR CLASSIFICATION

Year ending December 31, 1939

Specific Infectious Diseases. General Diseases

Abscess of abdominal wall	6
Abscess of arm	1
Abscess of elbow	1
Abscess of finger	1
Abscess of groin	1
Abscess of hand	1
Abscess of knee	2
Abscess of leg	4
Abscess of thigh	2
Arthritis, acute, infectious	4
Arthritis, chronic, infectious	3
Carbuncle of back	1
Carbuncle of buttock	2
Carbuncle of forehead	1
Carbuncle of neck	6
Carbuncle of shoulder	1
Cellulitis of ankle	1
Cellulitis of arm	2
Cellulitis of buttock	1
Cellulitis of chest wall	1
Cellulitis of face	3
Cellulitis of finger	2
Cellulitis of foot	4
Cellulitis of hand	1
Cellulitis of jaw	2
Cellulitis of knee	1
Cellulitis of leg	12
Cellulitis of nose	1
Cellulitis of thigh	3
Cellulitis of vaginal wall	1
Chicken-pox	2
Coryza	4
Diphtheria	1
Dysentery	1
Dysentery, Sonne	18
Epidermophytosis of foot	2
Epidermophytosis of groin	1
Epidermophytosis of hand	2
Epidermophytosis of leg	1
Epididymitis, gonorrheal	3
Erysipelas of back	1
Erysipelas of face	2
Erysipelas of foot	1
Erysipelas of leg	2
Erysipelas of nose	1
Erysipelas of scalp	1
Fungus infection of feet	1
Furuncle of auditory canal	1
Furuncle of ears	1
Furuncle of eyelid	1
Furuncle of face	2
Furuncle of finger	1
Furuncle of forearm	1
Furuncle of knee	1
Furuncle of leg	2
Furuncle of neck	1

Furuncle of nose	1
Furuncle of thigh	1
Furunculosis of scalp	1
Ganglion of hand	1
Gonococcus infection	1
Impetigo contagiosa	4
Infections, acute	38
Infections, acute, upper respiratory	158
Measles	8
Meningitis, cerebro-spinal	1
Mononucleosis, acute infectious	1
Paronychia	6
Peritonitis, tuberculous	1
Pertussis	6
Pleurodynia, epidemic	7
Pneumonia, broncho	108
Pneumonia, hypostatic	2
Pneumonia, lobar	117
Poliomyelitis	1
Pott's disease of the spina	1
Rheumatic fever, acute	20
Scarlet fever	10
Septic sore throat	2
Septicemia	4
Sinus, neck	1
Sinus, recto-vesicular	1
Streptococcus infection of throat	5
Syphilis	2
Syphilis of aorta	2
Syphilis of central nervous system	11
Syphilis, congenital	2
Syphilis of heart	2
Syphilis, secondary	2
Syphilis, tertiary	73
Tuberculosis of hip	1
Tuberculosis of intestines	1
Tuberculosis of lungs	48
Tuberculosis of shoulder	1
Tuberculosis of testicle	1
Ulcer of back	2
Ulcer of foot	3
Ulcer of leg	3
Ulcer of shoulder	1
Ulcer of toe	1
Urethritis, gonorrheal	1
Vaginitis, gonorrheal	1

Diseases Due to Animal Parasities

Pediculi	5
Scabies	4
Tenia saginata	1

Diseases of Metabolism and Deficiency

Acidosis, diabetic	6
Avitaminosis B	5
Diabetes mellitus	70
Gangrene, diabetic, of foot	2
Gangrene, diabetic, of toe	4
Gout	1

Obesity.....	30
Pellagra.....	1

Diseases Peculiar to Infancy

Convulsions.....	3
Eczema, infantile.....	4
Gastro-enteritis.....	3
Indigestion, gastric, in infants.....	1
Indigestion, intestinal, in infants.....	1
Malnutrition.....	13
Marasmus.....	1
Ophthalmia neonatorum, gonorrheal.....	2
Ophthalmia neonatorum, non-gonorrheal.....	16
Pemphigus.....	2
Prematurity.....	4
Regulation of feeding.....	9

Diseases Due to Physical Agents

Burns.....	30
Exposure.....	2
Frost-bite.....	1
Heat prostration.....	2
Sunburn.....	6

Poisonings. Intoxications

Alcoholism, acute.....	160
Alcoholism, chronic.....	63
Poisonings, acute.....	38
Poisonings, chronic.....	3

Tumors, Benign and Malignant

Adenoma of rectum.....	3
Carcinoma of abdomen.....	1
Carcinoma of axilla.....	1
Carcinoma of bladder.....	1
Carcinoma of bowel.....	2
Carcinoma of breast.....	8
Carcinoma of cervix.....	17
Carcinoma of colon.....	6
Carcinoma of esophagus.....	7
Carcinoma of face.....	1
Carcinoma of larynx.....	2
Carcinoma of liver.....	3
Carcinoma of lung.....	1
Carcinoma of mesentery.....	1
Carcinoma of mouth.....	1
Carcinoma of parotid gland.....	1
Carcinoma of prostate.....	8
Carcinoma of rectum.....	3
Carcinoma of sigmoid.....	1
Carcinoma of stomach.....	13
Carcinoma of supra-clavicular glands.....	1
Carcinoma of uterus.....	3
Carcinoma of tongue.....	1
Carcinomatosis.....	2
Cyst of breast.....	1
Cyst of cervix.....	1
Cyst of kidney.....	1
Cyst of neck.....	1
Cyst of ovary.....	24

Cyst of thyroid	2
Cystadenoma of ovary	1
Epithelioma of face	1
Epithelioma of lip	2
Fibroid uterus	23
Fibroma of chest wall	1
Fibroma of shoulder	1
Hemangioma	1
Lipoma of arm	1
Lipoma of buttock	1
Lipoma of forearm	1
Lipoma of neck	1
Lipoma of shoulder	1
Lipoma of thigh	2
Myoma of uterus	2
Neuro-fibroma of abdominal wall	1
Neuro-fibromatosis	1
Nevus	1
Papilloma of bladder	5
Papilloma of head	1
Polypus of cervix	7
Polypus of nose	2
Polypus of uterus	1
Sarcoma of mediastinum	1
Sarcoma of testicle	1
Sarcomatosis	1
Tumor of brain	1
Tumor of breast	5
Tumor of pelvis	1
Tumor of spinal cord	1
Tumor of tongue	1
Wen of face	2

Congenital Malformations

Abscess, pilonidal	1
Atresia of duodenum	1
Bipartite patella	1
Cleft palate	1
Cyst, pilonidal	2
Cyst, thyroglossal	2
Deformity of auricle (congenital)	3
Double kidney pelvis	1
Double ureter	1
Hammer toes	1
Heart disease, congenital	4
Hypospadias	1
Pilonidal sinus	4
Pyloric stenosis	1
Undescended testicle	8

Injuries

Abrasions	137
Amputation, traumatic, finger	2
Amputation, traumatic, leg	1
Avulsion of hand	2
Avulsion of olecranon	1
Avulsion (skin) arm	2
Concussion	105
Contusions	229
Dislocations	25

Dog bite.....	1
Foreign body, arm.....	2
Foreign body, chest wall.....	1
Foreign body, colon.....	1
Foreign body, foot.....	1
Foreign body, gastro-intestinal tract.....	3
Foreign body, hand.....	7
Foreign body, leg.....	1
Foreign body, stomach.....	1
Foreign body in wound.....	1
Fractures, comminuted.....	29
Fractures, compound.....	11
Fractures, depressed.....	1
Fractures, simple.....	283
Fracture of skull.....	21
Hematomata.....	28
Hemorrhage, sub-conjunctival.....	2
Injury, cerebral.....	1
Injuries, internal.....	1
Laceration of brain.....	3
Laceration of kidney.....	1
Rupture of eardrum.....	1
Rupture of extensor tendon.....	1
Rupture of semi-lunar cartilage.....	3
Rupture of ligaments.....	1
Rupture of lumbar muscles.....	1
Rupture of spleen.....	2
Rupture of urethra.....	1
Separation of fibulo-tibial joint.....	1
Sprains.....	13
Stab wounds.....	1
Strains.....	24
Sub-luxation, semi-lunar cartilage.....	1
Wounds, bullet.....	3
Wounds, lacerated.....	202
Wounds, lacerated, tendons.....	14
Wounds, punctured.....	24

Diseases of the Skin

Abscess of ankle.....	1
Abscess, axillary region.....	9
Abscess, buttock.....	3
Abscess, cervical region.....	2
Abscess, chest wall.....	1
Abscess, chin.....	1
Abscess, ear.....	1
Abscess, elbow.....	1
Abscess, face.....	1
Abscess, forearm.....	1
Abscess, hip.....	1
Abscess, inguinal region.....	2
Abscess, jaw.....	2
Abscess, knee.....	3
Abscess, leg.....	3
Abscess, neck.....	3
Abscess, parotid gland.....	1
Abscess, perineum.....	1
Abscess, sub-diaphragmatic.....	1
Abscess, sub-maxillary.....	1
Abscess, sub-mental.....	3

Abscess, wrist	1
Acne rosacea	1
Dermatitis	4
Dermatitis exfoliativa	2
Dermatitis, medicamentosa	5
Dermatitis venenata	4
Eczema	5
Eczematous pigmentation of legs	1
Erythema multiforme	2
Erythema nodosum	2
Ichthyosis	2
Impetigo	9
Intertrigo	1
Psoriasis	2

Diseases of the Circulatory System

Angina pectoris	7
Aortitis, non-syphilitic	1
Arrhythmia	1
Arterio-sclerosis, generalized	127
Asthma, cardiac	6
Auricular fibrillation	35
Coronary occlusion	12
Embolism of femoral artery	1
Endarteritis obliterans	3
Endocarditis, acute	1
Endocarditis, bacterial	2
Endocarditis, chronic	1
Endocarditis, rheumatic	1
Enlargement of heart	1
Gangrene, arterio-sclerotic, of extremity	7
Gangrene, senile	3
Heart block	7
Heart disease, arterio-sclerotic	108
Heart disease, hypertensive	106
Heart disease, hypertensive with nephritis	58
Hypertension, primary	34
Hypertension, secondary	81
Hypertension, malignant	2
Hypotension	8
Irritable heart	3
Myocardial insufficiency	29
Myocarditis, chronic	11
Pericarditis (unqualified)	1
Pericarditis, chronic	3
Phlebitis	6
Syndrome, Adams-Stokes	1
Tachycardia, paroxysmal	2
Thrombo-Angelitis obliterans	1
Thrombo-phlebitis	3
Thrombosis, cerebral	15
Thrombosis, femoral vein	1
Thrombosis, jugular vein	1
Thrombosis, tibial artery	1
Thromboses, multiple	1
Valvular disease, chronic cardiac, aortic insufficiency	1
Valvular disease, chronic cardiac, mitral insufficiency	4
Valvular disease, chronic cardiac, mitral stenosis	6
Valvular disease, chronic cardiac, mitral stenosis and regurgitation	3

Varicose ulcers	22
Varicose veins	28

Diseases of the Lymphatic System

Abscess of lymph nodes, axilla	1
Abscess of lymph nodes, cervical	6
Abscess of lymph nodes, inguinal	3
Lymphadenitis, arm	6
Lymphadenitis, axilla	9
Lymphadenitis, cervical	14
Lymphadenitis, inguinal	9
Lymphadenitis, leg	2
Lymphadenitis, mesentery	2
Lymphadenitis, thumb	1
Lymphangitis, arm	6
Lymphangitis, thumb	1

Diseases of the Blood and Blood-Forming Organs

Anemia, aplastic	1
Anemia, nutritional	2
Anemia, pernicious	9
Anemia, secondary	46
Leukemia, lymphatic	1
Purpura hemorrhagica	2

Diseases of the Endocrine Glands

Acromegaly	1
Adenoma of thyroid	1
Goitre, cystic	1
Goitre, exophthalmic	1
Goitre, non-toxic	1
Goitre-toxic	1
Hyperthyroidism	2
Hypothyroidism	1
Immaturity	1
Pituitary hypofunction	1
Endocrinopathy pluri-glandular	1

Diseases of the Nervous System

Abscess of brain	1
Abscess, peridural	1
Anemia, cerebral	1
Amnesia	2
Arachnoiditis	1
Arteriosclerosis, cerebral	4
Cephalagia following lumbar puncture	1
Cephalagia, post traumatic	1
Chorea, Sydenham's	2
Convulsions	4
Dementia praecox	3
Dementia, senile	4
Edema, angio-neurotic	2
Edema of brain	2
Embolism into cerebrum	1
Epilepsy	18
Epilepsy, grand mal	1
Epilepsy, idiopathic	7
Epilepsy, Jacksonian	5
Feeble-mindedness	1
Globus hystericus	1

Hemiplegia	17
Hemorrhage into cerebrum	21
Hemorrhage, sub-arachnoid	2
Hysteria	15
Korsakoff's Syndrome	1
Meningismus	2
Muscle spasm	2
Myelitis, transverse	1
Neuralgia, trifacial	3
Neuralgia, trigeminal	2
Neurasthenia	2
Neuritis	1
Neuritic, alcohol	5
Neuritis, diabetic	2
Neuritis, peripheral nerve	3
Neurosis, anxiety	2
Paralysis, facial	5
Paralysis, cranial nerves	1
Paralysis, ulnar nerve	2
Psychoneurosis	8
Psychoneurosis, depression	1
Psychoneurosis, hysterical type	4
Psychoneurosis, neurasthenia	2
Psychosis, alcoholic	5
Psychosis, alcoholic, delirium tremens	24
Psychosis, alcoholic, Korsakow	1
Psychosis, arterio-sclerotic	3
Psychosis, depressed state	1
Psychosis due to drugs	1
Psychosis, manic-depressive	2
Psychosis, organic basis	2
Psychosis, senile	1
Psychosis, toxic	1
Psychosis, puerperal	1
Sciatica	3
Senility	20
Spasm, cerebro-vascular	1
Syncope	7

Diseases of Bones, Joints, Muscles, Tendons and Fascia

Ankylosis, elbow	1
Ankylosis, knee	2
Arthritis, acute	5
Arthritis, acute, infectious	8
Arthritis, chronic	22
Arthritis, chronic, infectious	22
Atrophy, bone	1
Bursitis, Achilles	1
Bursitis, olecranon	1
Bursitis, popliteal region	1
Bursitis, prepatellar	1
Bursitis, sub-deltoid	3
Exostosis, toe	3
Ganglion, semi-membranous tendon	1
Hallux valgus	8
Hammer toes	1
Marie Strumpel's spine	1
Osteitis deformans, spine	1
Osteo-arthritis, acute	1
Osteo-arthritis, chronic	7

Osteomyelitis, acute.....	2
Osteomyelitis, chronic.....	10
Peri-ostitis, acute.....	1
Pes planus.....	2
Poliomyelitis (old).....	2
Pronated feet.....	1
Scoliosis.....	1
Synovitis, acute.....	1
Synovitis, knee.....	2
Tenosynovitis.....	2
Torticollis.....	2

Diseases and Injuries of the Ear and Eye

Diseases of the Eye

Abscess of eyelid.....	1
Blepharitis.....	2
Cataracts.....	20
Cellulitis of orbit.....	1
Conjunctivitis, acute.....	5
Corneal ulcer.....	2
Dacryocystitis.....	1
Detached retina.....	1
Edema of eyelid.....	1
Esotropia.....	2
Glaucoma.....	2
Iritis.....	1
Hemorrhage, sub-conjunctival.....	2
Iridocyclitis.....	1
Keratitis, interstitial.....	1
Neuritis, retrobulbar.....	1
Ophthalmitis.....	1
Retinitis, albuminuric.....	1
Retinitis, diabetic.....	2
Scratch of cornea.....	1
Strabismus.....	8
Trichiasis.....	1
Uveitis.....	1
Wound, lacerated, cornea.....	1
Wound, perforated, cornea.....	1

Diseases of the Ear

Abscess of auricle.....	1
Abscess of ear canal.....	1
Abscess, post-aural.....	6
Deafness.....	2
Furuncle of auditory canal.....	1
Labyrinthitis, chronic.....	1
Mastoiditis, acute.....	18
Mastoiditis, chronic.....	9
Mastoiditis, sub-acute.....	1
Nerve deafness.....	1
Otitis media, acute.....	56
Otitis media, chronic.....	14

Diseases of the Nose and Accessory Sinuses

Deviation of nasal septum.....	7
Epistaxis.....	12
Hypertrophy of turbinates.....	2
Perforation of nasal septum.....	1

Rhinitis	6
Sinusitis, acute	6
Sinusitis, chronic	15

Diseases of the Mouth, Lips, Cheeks, Pharynx and Palate

Abscess, peritonsillar	15
Abscess, pharynx	1
Hypertrophy of adenoids	1
Hypertrophy of tonsils	6
Hypertrophy of tonsils and adenoids	485
Naso-pharyngitis	29
Parotitis	1
Perforation of palate	1
Pharyngitis	55
Pharyngitis, luetic	1
Stomatitis	3
Tonsillitis, acute	59
Tonsillitis, chronic	4
Tonsillitis, follicular	7

Diseases of the Jaw, Teeth and Gums

Abscess, alveolar	5
Abscess, tooth	6
Dental caries	18
Evulsion of tooth	1
Gingivitis	1
Hemorrhage from gums	1
Pyorrhea alveolaris	7

Diseases of the Esophagus

Diverticulum of the esophagus	1
Foreign body in the esophagus	1
Rupture of esophageal varices	1
Varix, esophageal	2

Diseases of the Stomach

Gastritis	13
Gastritis, alcoholic	5
Gastritis, chronic	1
Gastroptosis	2
Pyloric stenosis	1
Pylorospasm	6
Ulcer of stomach	41
Ulcer of stomach, perforated	8

Diseases of the Intestines

Adhesions, abdominal	3
Adhesions, ileum	1
Adhesions, post-operative	4
Appendicitis, acute	134
Appendicitis, acute with abscess	2
Appendicitis, acute with perforation	11
Appendicitis, acute with peritonitis	11
Appendicitis, chronic	14
Appendicitis, sub-acute	34
Colitis, acute	4
Colitis, chronic	2
Colitis, mucous	2
Constipation	69
Diarrhea	3

Diverticulitis of colon	5
Diverticulitis of duodenum	2
Diverticulitis of sigmoid	6
Diverticulosis	1
Enteroptosis	1
Fistula, fecal	3
Foreign body in colon	1
Gastro enteritis	64
Impacted feces	2
Indigestion, acute	4
Obstipation	2
Obstruction, intestinal	13
Paralytic ileum	1
Stasis, caecal	1
Ulcer, duodenal	51
Ulcer, duodenal, perforated	1

Diseases of the Liver and Biliary Tract

Cholecystitis, acute	10
Cholecystitis, chronic	35
Cholelithiasis	34
Cirrhosis of liver	7
Cirrhosis of liver, alcoholic	2
Hemachromotosis	1
Hepatitis, toxic	1
Jaundice, catarrhal	2
Jaundice, infectious (catarrhal)	11

Diseases of the Abdomen and Peritoneum in General

Ascites	6
Diastasis of recti	1
Hemoperitoneum	1
Hernia, femoral	5
Hernia, femoral, strangulated	2
Hernia, inguinal	51
Hernia, inguinal, strangulated	3
Hernia, umbilical	5
Hernia, ventral	12
Hernia, ventral, strangulated	1
Peritonitis, generalized	6
Sinus, abdominal	1

Diseases of the Rectum and Anus

Abscess, ischio-rectal	6
Abscess, peri-rectal	5
Abscess, rectal	1
Fissure of anus	2
Fistula in ano	9
Hemorrhoids	20
Hemorrhoids, strangulated	1
Proctitis	1
Prolapse of rectum	2

Diseases of the Larynx

Edema of glottis	1
Laryngitis	3

Diseases of the Trachea and Bronchi

Bronchiectasis	8
Bronchitis, acute	46

Bronchitis, chronic	16
Bronchitis, unqualified	3
Stenosis of trachea	1

Diseases of the Lungs

Abscess of lung	6
Atelectasis of lung	1
Congestion of lung	1
Edema, pulmonary	2
Emphysema of lungs	3
Emphysema of lungs, senile	1
Pulmonary embolism	2

Diseases of the Pleura and Mediastinum

Empyema of pleura	11
Hydropneumothorax	2
Pleurisy with effusion	20
Pleurisy, acute, fibrinous	1
Pleurisy, serofibrinous	2
Pleuritis, acute	3
Pleuritis, chronic	1
Pneumothorax	4

Diseases of the Kidney and Ureter

Abscess, perinephritic	2
Calculus, ureteral	18
Glomerulonephritis, acute	2
Glomerulonephritis, chronic	2
Hydronephrosis	17
Kinked ureter	1
Nephritis, acute	10
Nephritis, acute with edema	3
Nephritis, chronic	19
Nephritis, chronic with edema	3
Nephritis, chronic without edema	5
Nephrolithiasis	5
Nephrosclerosis, malignant	2
Pyelitis	23
Pyelo-nephritis, acute	4
Pyelo-nephritis, chronic	4
Renal colic	8
Rotated kidney	2
Uremia, acute	9
Uremia, chronic	1

Diseases of the Bladder

Calculus, vesical	2
Cystitis, acute	6
Cystitis, chronic	10
Retention of urine	9

Diseases of the Urethra, Male and Female

Stricture of urethra	4
Urethral caruncle	1

Diseases of the Male Generative Organs

Abscess, pelvic	2
Abscess, scrotum	1
Balanitis	1
Epididymitis, acute	4

Hydrocele	13
Hypertrophy of prostate	26
Orchitis, acute	3
Paraphimosis	2
Phimosis	19
Prostatitis	5
Torsion of cord	1
Undescended testicle	1
Varicocele	2

Diseases of the Female Generative Organs

Abscess, Bartholin's	3
Abscess, pelvic	2
Abscess, perineal	3
Abscess, tubo-ovarian	2
Abscess, vulvo-vaginal	5
Atresia of cervical canal	1
Cellulitis, pelvic	1
Cervicitis, chronic	4
Dysmenorrhea	3
Endocervicitis, chronic	23
Endometriosis	3
Endometritis, acute	2
Endometritis, chronic	21
Erosion of cervix	7
Hydrosalpinx	1
Hyperplasia of endometrium	2
Laceration of cervix uteri	9
Laceration of perineum	2
Menopause	4
Menorrhagia	2
Metrorrhagia	1
Pelvic inflammation	57
Prolapse of uterus	5
Relaxed pelvic floor with cystocele	1
Relaxed pelvic floor with rectocele	2
Relaxed pelvic floor with cystocele and rectocele	7
Relaxed pelvic floor with prolapse of uterus	3
Retroflexion of uterus	1
Retroversion of uterus	30
Salpingitis, chronic	5
Stenosis of cervix	1
Sterility	1
Vaginitis, acute	3

Diseases and Conditions Peculiar to the Puerperal State

Abortion	4
Abscess, breast	2
Abscess, pelvic	1
Hyperemesis gravidarum	6
Miscarriage	126
Newborn infants	771
Newborn infants delivered at home	7
Parturition	873
Parturition, delivered at home	3
Pregnancy, extra-uterine	1
Pregnancy, normal	127
Psychosis, puerperal	1
Pyelitis of pregnancy	1
Retained secundines	2

Septicemia	2
Stillborn	29
Subinvolution of uterus	1
Toxemia of pregnancy	2

Diseases of the Breast, Male and Female

Abscess of breast	4
Mastitis, acute	3
Mastitis, chronic	2

Allergy

Allergy due to drugs	1
Asthma, bronchial	66
Serum sickness following antitetanus	10
Serum sickness following arsphenamine	1
Serum sickness following typhoid vaccine	1
Urticaria	2

Abnormalities of Urine

Hematuria	1
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Ill-Defined or Unclassified Diseases

Debility	3
Decubitus ulcers	4
Diagnosis deferred	9
Exhaustion	1
Gangrene of foot	1
Hemorrhage, post-operative	13
Immersion	1
Ingrown toenail	1
No diagnosis	2
No disease	9
Shock, surgical	4
Shock, traumatic	6
Suicide, attempted	7

OPERATING ROOM RECORD

Specific Infectious Diseases. General Diseases

Abscess of abdominal wall	3
Abscess of arm	1
Abscess of elbow	1
Abscess of hand	1
Abscess of knee	1
Abscess of leg	4
Abscess of thigh	1
Cellulitis of chest wall	1
Cellulitis of finger	2
Cellulitis of jaw	1
Cellulitis of leg	2
Cellulitis of foot	1
Cellulitis of knee	1
Furuncle of ear	1
Infections, acute	11
Paronychia	2
Peritonitis, tuberculous	1
Poliomyelitis	1

Diseases Due to Physical Agents

Burns	3
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Tumors, Benign and Malignant

Adenocarcinoma of stomach.....	1
Adenoma of rectum.....	3
Carcinoma of axilla.....	1
Carcinoma of bowel.....	1
Carcinoma of breast.....	8
Carcinoma of cervix.....	12
Carcinoma of colon.....	3
Carcinoma of esophagus.....	1
Carcinoma of gall-bladder.....	1
Carcinoma of lip.....	1
Carcinoma of mesentery.....	1
Carcinoma of prostate.....	2
Carcinoma of rectum.....	2
Carcinoma of stomach.....	2
Carcinoma of uterus.....	3
Cyst of breast.....	1
Cyst of neck.....	1
Cyst of ovary.....	16
Cyst of thyroid.....	1
Cystadenoma of ovary.....	1
Fibroid uterus.....	21
Fibroma of shoulder.....	1
Hemangioma.....	1
Lipoma of arm.....	1
Lipoma of neck.....	1
Lipoma of shoulder.....	1
Lipoma of thigh.....	2
Myoma of uterus.....	1
Nevus.....	1
Neurofibromatosis.....	1
Papilloma of bladder.....	3
Papilloma of head.....	1
Polypus of cervix.....	5
Polypus of nose.....	2
Sarcoma of testicle.....	1
Tumor of breast.....	1
Wen of face.....	2

Congenital Malformations

Abscess, pilonidal.....	1
Cyst, pilonidal.....	2
Cyst, thyroglossal.....	2
Deformity of auricle (congenital).....	2
Hammer toes.....	1
Hypospadias.....	1
Pilonidal sinus.....	3
Undescended testicle.....	5

Injuries

Amputation, traumatic, finger.....	2
Avulsion, (skin) arm.....	1
Dislocation of phalanx.....	1
Foreign body, arm.....	1
Foreign body, chest wall.....	1
Foreign body, colon.....	1
Foreign body, foot.....	1
Foreign body, hand.....	6
Foreign body, leg.....	1

Foreign body, stomach	1
Foreign body, wound	1
Fracture of ankle, compound	1
Fracture of cartilage, knee	1
Fracture of digit	1
Fracture of femur, comminuted	1
Fracture of humerus	1
Fracture of humerus, comminuted	1
Fracture of mandible	3
Fracture of mandible, comminuted	1
Fracture of metatarsal	1
Fracture of olecranon	1
Fracture of patella	5
Fracture of tibia	1
Fracture of tibia and fibula	5
Fracture of tibia and fibula, comminuted	2
Fracture of phalanges, comminuted	1
Fracture of tibia, compound	1
Rupture of extensor tendon	1
Rupture of semi-lunar cartilage	2
Rupture of spleen	2
Rupture of urethra	1
Wounds, bullet	3
Wounds, lacerated	8
Wounds, lacerated, tendon	11
Wounds, punctured	1

Diseases of the Skin

Abscess of ankle	1
Abscess, axillary region	7
Abscess, buttock	2
Abscess, forearm	2
Abscess, hip	1
Abscess, inguinal region	1
Abscess, leg	3
Abscess, neck	3
Abscess, sub-diaphragmatic	1
Abscess, sub-mental	2

Diseases of the Circulatory System

Gangrene, arterio-sclerotic, of extremity	1
Thromboangitis obliterans	1
Thrombophlebitis	1
Thrombosis, jugular vein	1
Varicose ulcers	1
Varicose veins	5

Diseases of the Lymphatic System

Abscess of lymph nodes, axilla	1
Abscess of lymph nodes, cervical	2
Abscess of lymph nodes, inguinal	2
Lymphadenitis, cervical	3

Diseases of the Endocrine Glands

Adenoma of thyroid	1
Goitre, exophthalmic	1
Hyperthyroidism	2

Diseases of the Nervous System

Abscess, peri-dural	1
Neuralgia, trifacial	3
Neuralgia, trigeminal	1

Diseases of Bones, Joints, Muscles, Tendons and Fascia

Ankylosis, knee	1
Bursitis, popliteal region	1
Bursitis, prepatellar	1
Exostosis, toe	1
Ganglion, semi-membranous tendon	1
Hallux valgus	1
Osteomyelitis, chronic, fibula	1
Osteomyelitis, chronic, finger	1
Osteomyelitis, chronic, hip	2
Osteomyelitis, chronic, thigh	1
Torticollis	2
Tenosynovitis, hand	1

Diseases and Injuries of the Ear and Eye

Diseases of the Eye

Abscess of eyelid	1
Cataracts	11
Cellulitis of orbit	1
Dacryocystitis	1
Esotropia	2
Glaucoma	2
Ophthalmitis	1
Strabismus	4

Diseases of the Ear

Abscess of auricle	1
Mastoiditis, acute	13
Mastoiditis, chronic	9

Diseases of the Nose and Accessory Sinuses

Deviation of nasal septum	5
Hypertrophy of turbinates	2
Sinusitis, chronic	1

Diseases of the Mouth, Lips, Cheeks, Pharynx and Palate

Hypertrophy of tonsil	3
Hypertrophy of tonsils and adenoids	485

Diseases of the Jaw, Teeth and Gums

Abscess, alveolar	1
Dental caries	1
Hemorrhage from gums	1

Diseases of the Esophagus

Foreign body in the esophagus	1
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Diseases of the Stomach

Pyloric stenosis	1
Ulcer of stomach, perforated	7

Diseases of the Intestines

Adhesions, abdominal	1
Adhesions, ileum	1

Adhesions, post-operative	2
Appendicitis, acute	130
Appendicitis, acute with abscess	2
Appendicitis, acute with perforation	11
Appendicitis, acute with peritonitis	11
Appendicitis, chronic	12
Appendicitis, sub-acute	30
Diverticulitis of colon	1
Diverticulitis of sigmoid	1
Intestinal obstruction	4
Obstruction, pyloric	1
Ulcer, duodenal, perforated	2

Diseases of the Liver and Biliary Tract

Cholecystitis, chronic	8
Cholelithiasis	16

Diseases of the Abdomen and Peritoneum in General

Hernia, femoral	4
Hernia, femoral, strangulated	2
Hernia, inguinal	33
Hernia, inguinal, strangulated	5
Hernia, ventral	3
Hernia, ventral, strangulated	1
Peritonitis, generalized	1

Diseases of the Rectum and Anus

Abscess, ischio-rectal	4
Fistula in ano	8
Hemorrhoids	8

Diseases of the Trachea and Bronchi

Bronchiectasis	2
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Diseases of the Pleura and Mediastinum

Empyema of pleura	14
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Diseases of the Kidney and Ureter

Abscess, peri-nephritic	2
Calculus, ureteral	2
Nephrolithiasis	2

Diseases of the Bladder

Calculus, vesical	1
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Diseases of the Urethra, Male and Female

Stricture of urethra	2
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Diseases of the Male Generative Organs

Abscess, pelvic	1
Balanitis	1
Epididymitis, acute	1
Hydrocele	9
Hypertrophy of prostate	11
Phimosis	13

Diseases of the Female Generative Organs

Abscess, Bartholin's	1
Abscess, pelvic	1

Abscess, perineal	2
Abscess, tubo-ovarian	1
Abscess, vulvo-vaginal	5
Atresia of cervical canal	1
Cervicitis, chronic	3
Dysmenorrhea	2
Endocervicitis, chronic	10
Endometritis, acute	1
Endometritis, chronic	10
Endometriosis	1
Erosion of cervix	2
Hydrosalpinx	1
Hypertrophy of cervix	1
Laceration of perineum	1
Menopause	1
Metrorrhagia	1
Pelvic inflammation	2
Prolapse of uterus	3
Relaxed pelvic floor with cystocele	1
Relaxed pelvic floor with cystocele and rectocele	8
Retroversion of uterus	8
Salpingitis, chronic	1
Sterility	1

Diseases and Conditions Peculiar to the Puerperal State

Abortion	3
Abscess, breast	2
Miscarriage	77
Parturition, caesarean	22
Pregnancy, normal	1
Pregnancy, extra-uterine	2
Retained secundines	1

Diseases of the Breast, Male and Female

Abscess, chest wall	1
Mastitis, chronic	2

Ill-Defined or Unclassified Diseases

Gangrene, toe	1
Ingrown toenail	1

DEATHS

Specific Infectious Diseases. General Diseases

Meningitis, cerebro-spinal	3
Meningitis, pneumococcic	1
Meningitis, streptococcic	1
Pneumonia, broncho	16
Pneumonia, lobar	21
Septicemia	2
Tuberculosis of lungs	4

Diseases of Metabolism and Deficiency

Diabetes, mellitus	4
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Diseases Peculiar to Infancy

Atelectasis neonatorum	1
Edema, cerebral	1
Erythroblastosis, foetalis	2
Gastro-enteritis	2
Heart diseases, congenital	1

Hemorrhage, cerebral	1
Hemorrhagic disease of newborn	1
Prematurity	15

Diseases Due to Physical Agents

Burns	1
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Poisonings. Intoxications

Alcoholism, acute	6
Alcoholism, chronic	2
Poisonings, acute	1

Tumors, Benign and Malignant

Adenocarcinoma of stomach	1
Carcinoma of breast	1
Carcinoma of caecum	1
Carcinoma of colon	1
Carcinoma of esophagus	1
Carcinoma of face	1
Carcinoma of gall-bladder	1
Carcinoma of intestines	1
Carcinoma of ovary	1
Carcinoma of pancreas	3
Carcinoma of prostate	2
Carcinoma of rectum	3
Carcinoma of stomach	5
Lymphosarcoma, retroperitoneal	1
Sarcoma of neck	1
Sarcoma, retroperitoneal	1
Sarcomatosis	1

Congenital Malformations

Heart disease, congenital, coarctation of aorta	2
Heart disease, congenital, patent ductus arteriosus	2
Hydrocephalus	1

Injuries

Amputation, traumatic, leg	1
Fractures, comminuted	1
Fractures of femur	2
Fractures of skull	2
Fractures of vertebrae	1
Injuries, internal	1
Injuries, intracranial	1

Diseases of the Circulatory System

Arterio-sclerosis, generalized	12
Cor pulmonale	1
Coronary occlusion	20
Dissecting aneurism of thoracic aorta	1
Embolism of femoral artery	1
Embolism of mesentery	1
Endocarditis, bacterial	1
Endocarditis, sub-acute	2
Heart-disease, arterio-sclerotic	35
Heart disease, hypertensive	17
Heart disease, hypertensive, with nephritis	5
Heart disease, rheumatic	5
Hypertension, primary	3

Hypertension, secondary.....	3
Myocardial insufficiency.....	3
Myocarditis, acute.....	2
Myocarditis, chronic.....	7
Pericarditis, chronic, adhesive.....	1
Sclerosis of pulmonary artery.....	1
Thrombosis, cerebral.....	2
Thrombosis, mesenteric.....	1
Valvular disease, chronic cardiac, mitral insufficiency.....	1
Ventricular failure.....	1

Diseases of the Blood and Blood-Forming Organs

Leukemia, lymphatic.....	1
Leukemia, myelogenous.....	1

Diseases of the Nervous System

Epilepsy.....	1
Hemorrhage into cerebrum.....	18
Hemorrhage, sub-arachnoid.....	1
Psychosis, alcoholic, delirium tremens.....	1

Diseases of Bones, Joints, Muscles, Tendons and Fascia

Arthritis, chronic, infectious.....	2
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Diseases and Injuries of the Ear

Mastoiditis, chronic.....	1
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Diseases of the Mouth, Lips, Cheeks, Pharynx, Tonsils and Palate

Angina, Ludwig's.....	1
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Diseases of the Stomach

Pyloric stenosis.....	1
Ulcer of stomach.....	1
Ulcer of stomach, perforated.....	3
Ulcer, peptic, ruptured.....	2

Diseases of the Intestines

Appendicitis, acute, with peritonitis.....	7
Obstruction, intestinal.....	3
Obstruction, pyloric.....	1
Ulcer, duodenal, perforated.....	1

Diseases of the Abdomen and Peritoneum in General

Hernia, femoral, strangulated.....	1
Hernia, inguinal, strangulated.....	1
Hernia, ventral, strangulated.....	1
Peritonitis, generalized.....	3

Diseases of the Trachea and Bronchi

Atelectasis of lung.....	1
Bronchiectasis, hemorrhagic.....	1
Embolism, pulmonary.....	5
Thrombosis, pulmonary.....	1

Diseases of the Pleura and Mediastinum

Pleurisy, acute.....	1
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Diseases of the Kidney and Ureter

Nephritis, acute	1
Nephritis, chronic	2
Nephritis, chronic, with edema	2
Pyelonephritis, chronic	1
Uremia, acute	1

Diseases Peculiar to Pregnancy and the Puerperal State

Anemia of pregnancy	1
Miscarriage, septic	1
Pregnancy, extra-uterine	1
Stillborn	29

Allergy

Asthma, bronchial	1
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Ill-Defined or Unclassified Diseases

Shock, surgical	3
Shock, traumatic	1

REPORT OF THE CAMBRIDGE YOUTH COMMISSION

Thomas J. Murphy, *Chairman*
Bertha L. Goldthwaite
Joseph E. Bandzul
Ingolf V. Bockmann
Rev. John A. Butler
Joseph Cashman
Samuel B. Mannos
Emma Ward Haigh

Charles T. Cavanagh
Bernard T. Duffy
Frank J. Frisoli
Selma Griffith
Grace Fair MacDonald
Stephen H. Mahoney
Marie L. Petersen

William C. Conway, *Executive Secretary*.

January 1, 1940.

To His Honor the Mayor and the City Council:

Submitted herewith is the second annual report of the activities of the Cambridge Youth Commission for the past year ending December 31, 1939.

The Commission notes with pleasure that several of the recommendations contained in its first annual report have been adopted. While adoption of some of these recommendations has resulted in immediate benefits to the youth of Cambridge, benefits accruing from the adoption of other recommendations cannot be immediately determined.

The Commission is particularly gratified to note that the School Committee has adopted the recommendation that a vocational guidance program and a placement bureau be established within the public school system of the city.

Realizing that great benefits will result for the youth of Cambridge through the institution of an adequate vocational guidance program in the public school system, it is the hope of the Commission that this work will be developed under expert leadership with a view to the establishment of the best possible program.

The Commission's recommendation, contained in its first annual report, that a physician be appointed to direct posture work in the schools has been adopted by the appointment of Dr. Dalton O'Brien to supervise this phase of the health program.

The past year also witnessed the adoption of the Commission's recommendation that the 9.30 curfew law for children under fourteen years of age be revived. Revival of the curfew law focused the attention of the entire nation on the efforts of the City of Cambridge to cope with the problem of juvenile delinquency. Much favorable comment in the press of the nation resulted from this action and in many instances other communities were urged to follow the example set by this city.

Police officials, clergymen and parents throughout the city were heartily in accord with the curfew law revival recommendation. Reports from the Chief of Police and route patrolmen indicate that the curfew law is effective and has resulted in keeping a majority of the younger children off the streets after 9.30 p.m.

The past year has seen a vast improvement in the municipal recreation program and great gains have been made in the physical condition of the parks and playgrounds of the city. The Commission reiterates its recommendation that adequate appropriations be made to carry on the work of the recreation department.

In accordance with a recommendation made by the Commission in its first annual report, the abandoned Boardman School building has been rehabilitated and is to be used as a recreation center for the benefit of the youth in the Cambridgeport section of the city. Included in the building is a gymnasium, game rooms, showers, and a branch of the Cambridge Public Library.

During the past year, the Commission conducted a preliminary study of the need for recreational centers in the vicinity of Brookline Street and Putnam Avenue; Columbia Street, and the Inman Square section of the city. This matter is still under consideration by the Commission.

It is gratifying to note that the Juvenile Aid Bureau of the Police Department continued during 1939 the splendid work which has characterized this unit of the Police Department since its inception.

During 1939, 71 juveniles, eight of whom were not residents of Cambridge, were referred to the Juvenile Court of the Third Middlesex District by the Juvenile Aid Bureau. These figures compare favorably with the 1938 record and are a tremendous improvement over 1937, the year prior to the establishment of the bureau, when 207 delinquents were referred to the courts.

During 1939, court referrals were approximately 65 per cent less than in 1937.

By a sympathetic handling of youths' problems with the coöperation of the home, church, school, the court, and social service agencies, the members of the Juvenile Aid Bureau have in hundreds of cases eliminated the necessity of burdening a youth with a court record.

During the year, the Commission held nine regular meetings and numerous meetings of the various subcommittees. As a result of a vote of the Commission, an Executive Secretary was appointed by His Honor the Mayor in April under provision of the Civil Service rules and regulations at an annual salary of \$3,000. William C. Conway was appointed to the position of Executive Secretary.

On April 1, 1939, His Honor the Mayor reappointed Rev. John A. Butler, Joseph Cashman, Charles T. Cavanaugh and Miss Bertha L. Goldthwaite for terms of three years from that date. Miss Emma Lane Ward was appointed for a three-year term from April 1, 1939, in place of Carroll L. Chase, whose term had expired.

As a result of a vote of the Commission, an appropriation of \$100 was requested and granted. Of this amount, \$54.30 was expended for office supplies, rental of typewriter, etc., and the balance of \$46.70 was not used by this Commission.

Temporary quarters, which are neither adequate nor centrally located, were obtained for the Commission in the School Library room of the Central Library Building. Application has been made to the Superintendent of Public Buildings for suitable quarters in the Municipal Building.

During the year, the Commission sponsored numerous programs and activities for the benefit of the youth of the city. In each instance, the Executive Secretary made an effort to carry out the policy of the Commission in coöperation with agencies concerned with the development of the character of youth.

A detailed report of these activities is contained herein:

FATHERS AND SONS NIGHT

The first public function sponsored by the Cambridge Youth Commission was a Fathers and Sons baseball night, held on the

evening of May 5, 1939, in the Edward W. Quinn Auditorium of Rindge Technical School.

This event was highly successful and attracted approximately one thousand seven hundred men and boys. The program consisted of a showing of the official American League movie entitled "The First Century of Baseball"; addresses by Mayor John W. Lyons, Casey Stengel, manager of the Boston National League Baseball team, baseball stars Al Lopez, Elbie Fletcher, Eddie Miller, Buddy Hassett and Coach Jack Onslow; and a showing of the National League movie entitled "The National Game."

In addition to the movies and speaking program, three baseball gloves and two autographed baseballs, the gift of Councillor Edward H. Donovan, were awarded to lucky ticket holders among the boys.

The success of this affair was due only to the splendid coöperation which the Executive Secretary obtained from a number of individuals. Mr. Cashman of the Commission was highly coöperative. He succeeded in prevailing upon Manager Casey Stengel and members of the Boston Bees to make personal appearances. In addition, Mr. Cashman presided as chairman. He added an unusual touch to the program by interviewing the baseball players, thereby directing their comments into channels which he knew would be of interest to the boys.

The Cambridge School Committee granted the Commission the use of the auditorium and abated the usual fee charged for opening the hall. The Rindge Technical School janitors volunteered their services for the evening.

Through the coöperation of Mr. Murphy and the kindness of Mr. John Gately and Mr. Walter Gomes, tickets for the event were printed at Rindge Technical School. Approximately two thousand tickets were printed and distributed by the Executive Secretary to various agencies throughout the city.

BROAD STREET CANAL

Sergeant Thomas McAuliffe of the Juvenile Aid Bureau brought to the attention of the Executive Secretary the fact that police officers on the routes adjoining the Broad Street Canal were having considerable difficulty with boys who were swimming

in the canal and endangering their own lives by diving from adjacent bridges and billboards.

As a result of this discussion with Sergeant McAuliffe, the Commission's Secretary communicated with officials of the Metropolitan District Commission and Mr. Stephen H. Mahoney, Superintendent of Parks and Recreation.

Mr. Edward Barry, assistant to the secretary of the Metropolitan District Commission, gave verbal permission for the use of the canal for swimming purposes. Mr. Mahoney provided lifeguards to patrol the swimming area during the summer months. This is the second year that such an arrangement has been made. Previously, no protection was given the swimmers in the canal and annually there were one or more drownings.

While it is unanimously agreed that the canal is not a desirable swimming place, it has been used by boys for generations and will continue to be used until a more suitable place is provided. Therefore, it was deemed advisable to provide protection against tragedy.

BOYSTOWN MOVIE

Through the coöperation of the University Theatre Management, Metro-Goldwyn-Mayer, motion picture producers, and the Cambridge School Department, the Cambridge Youth Commission arranged for a showing of the motion picture "Boystown" to approximately 5,500 boys in the public school system. The film, which won the acclaim of the public and motion picture critics as an outstanding picture, depicted the work of Rev. Edward H. Flanagan with boys at his world-famous community, Boystown, Nebraska.

The Commission's program extended over a three-day period. On Wednesday, May 31, 1,800 boys saw the film; June 1, 1,900 boys were present; June 2, 1,800 boys attended the performance. Each day, His Honor the Mayor opened the program with appropriate remarks to the boys and an introduction of Mr. Stanley Sumner, manager of the University Theatre, whose wholehearted coöperation made the program possible.

A telegram of congratulations from Will Hayes, commissioner of the motion picture industry, to the City of Cambridge for its efforts "to instill right ideas and fine ideals in the boys who will control the America and world of tomorrow" was received.

Each of the three performances was concluded by mass singing of the national anthem, led by Mr. Benedict Fitzgerald and Mr. Thomas Quinn of the school music department.

An effort was made by the Commission's secretary to arrange for a showing of the film to boys in the parochial schools of the city. It was learned, however, that the film had previously been shown to the parochial school children at performances sponsored by the clergy. In other instances, it was impossible to obtain the film on days specified by several of the pastors.

ALL-DAY OUTING

On Tuesday, July 18, 1939, twenty Cambridge boys, including street trades boys, were the guests of this Commission and the Burroughs Newsboys Foundation of Boston at an all-day outing held on the Cherry Hill Farm of H. P. Hood and Sons Company in North Beverly, Mass.

Arrangements for the inclusion of Cambridge boys in the group of three hundred boys who attended the outing were made by the Commission's secretary with the coöperation of Sergeant McAuliffe of the Juvenile Aid Bureau. Clergymen in various sections of the city were requested to recommend boys who they believed would derive the greatest benefits from such an outing.

The Commission's secretary prevailed upon Mr. Leo Roach of Walden Street, Cambridge, to donate the services of a bus for the purpose of transporting the Cambridge group to and from North Station. Mr. Roach also donated his personal services as driver of the bus. The Cambridge group departed from in front of City Hall at 8.30 a.m., under the supervision of Sergeant Walter Maher, school safety officer. Sergeant Maher remained with the group throughout the day.

The entire party departed from North Station at 9 a.m. and returned at 5 p.m., after participation in an all-day program which included competitive games, luncheon, an educational trip through the dairy, and ice cream and cake refreshments in the late afternoon. Sergeant Maher, in a report to the Commission, stated that the Cambridge group of boys thoroughly enjoyed themselves and all actively participated in the various competitive games.

BASEBALL GAMES

Cambridge Youth Commission Day was held Thursday,

July 20, 1939, at National League Field, Boston, through the courtesy of the National League Baseball Club, Inc. Approximately two thousand five hundred Cambridge boys from all sections of the city were the guests of this Commission at the regularly scheduled National League baseball game between the Chicago Cubs and the Boston Bees.

Working with the Commission's secretary in planning this event was Mr. Joseph Cashman. The date was set by Mr. Cashman after several conferences with officials of the baseball company. The secretary had two thousand five hundred tickets of admission printed and distributed to the youth of the city through city officials, clergymen, playground supervisors, police officers, social agencies, neighborhood houses and individuals who expressed a desire to take a group of children to the game.

The junior band of Cambridge Post, American Legion, donated its services for the day and actively participated in the program. Transportation of the band to and from its headquarters was provided in a bus hired with funds donated by a small group of citizens.

As a result of numerous requests received from individuals and organizations, the Youth Commission made arrangements for the free admission of approximately two thousand two hundred boys and girls under sixteen years of age to the regularly scheduled game between the Boston Red Sox and the Philadelphia Athletics at Fenway Park on August 10. Again, Mr. Cashman was of invaluable assistance to the Commission in arranging this program.

The Cambridge group was included among nine thousand boys from all sections of the State who were in attendance that day. The Cambridge group, however, was given choice seats in the first base pavilion and many of the boys had the opportunity of personally greeting Ted Williams, idol of youthful baseball fans.

Through the coöperation of Mr. Stephen H. Mahoney, Superintendent of Parks and Recreation and a member of this Commission, arrangements were made to have playground supervisors in all sections of the city lead groups to Fenway Park. In addition, neighborhood houses, clergymen, and civic leaders were invited to lead groups of boys to the game. This program was highly successful and was carried out without incident or injury to any of the large group who attended.

C. M. T. C. AWARD

During the 1939 season, Cambridge boys enrolled at the Citizens' Military Training Corps Camp at Fort Devens competed for a silver trophy donated by His Honor Mayor John W. Lyons and known as the Cambridge Youth Commission Trophy.

The trophy was awarded by Mayor Lyons on August 4, 1939, to Paul A. Good, son of Mr. and Mrs. Thomas Good of 48 Standish street, Cambridge. Presentation of the trophy was made a feature of the "Governor's Day" program which marked the end of the training period at Fort Devens.

Paul A. Good was selected as the outstanding trainee from a group of forty boys from this city who participated in the competition for the Commission's trophy. The winner was selected by Lieut.-Col. M. R. Baer, executive officer of the 13th Infantry, and other military officers stationed at Fort Devens.

This award was made by the Commission to encourage Cambridge youth enrolled in the Citizens' Military Training Corps program and to stimulate the interest of other youth of this city in the character-building opportunities offered by the C.M.T.C.

This was the first time that the City of Cambridge joined with other municipalities of the State in offering encouragement to boys who take advantage of the C.M.T.C. program, and it is hoped that this award of merit will be an annual event and that it may be possible to expand the program by making awards to outstanding Cambridge youths in the four grades of trainees.

AVIATION PROGRAM

Occupational opportunities in the field of commercial and military aviation were brought to the attention of the youth of Cambridge through the medium of an aviation program sponsored by the Commission on the evening of October 6, 1939, in the Edward W. Quinn Auditorium of Rindge Technical School.

The auditorium was filled to capacity. The program consisted of a showing of a motion picture of commercial air-line planes in flight and an explanation of the business practices of commercial air-line companies; an outline by Miss Mary Robinson, stewardess, of her duties during the flight of a commercial air liner; and a showing of the motion picture "Wings of Gold,"

an official United States Navy film depicting the training of a naval aviation cadet.

The program was arranged by the Commission's secretary with the coöperation of Mr. Francis W. MacBarron, sales representative of American Air Lines, Inc.

FOOTBALL GAME

This Commission, through the courtesy of the Harvard Athletic Association and Mr. William J. Bingham, director of athletics at Harvard University, arranged for the free admission of five thousand Cambridge boys and girls of school age to the Harvard University-Bates College football game held in Harvard Stadium on Saturday, October 7, 1939.

Arrangements for this program were made by the Commission's secretary with the active coöperation of His Honor, Mayor John W. Lyons, who conferred on two occasions with Mr. Bingham at the office of the Harvard Athletic Association.

Tickets, admitting the bearers to Sections 44 through 48 of the Stadium, were distributed by the Commission to the youth of the city through clergymen, neighborhood houses and other organizations. The boys and girls assembled on Cambridge Common at 1 p.m. They were arranged in groups and were flanked by members of the Safety Patrol of the schools and Boy Scouts.

Sergeant Walter M. Maher, safety officer of the Cambridge Police Department, led a platoon of Cambridge police officers who remained with the children throughout the day.

The entire group led by His Honor, Mayor John W. Lyons and the Junior Legion band of Cambridge Post No. 27, American Legion, marched from Cambridge Common to the Stadium. This program was thoroughly enjoyed by the thousands of boys and girls who participated and was carried out without incident or injury.

CHRISTMAS MOVIE

Through the kindness of Mr. Stanley Sumner, manager of the University Theatre, three hundred boys and girls were admitted free of charge to a showing of "A Christmas Carol" at the University Theatre on Saturday morning, December 23. Three hundred tickets of admission donated to the Commission by Mr. Sumner were distributed by the Commission's secretary

to social service agencies, who placed them in the hands of boys and girls who otherwise would have been unable to attend the movies during the holidays.

BICYCLE REGISTRATION

The Child Delinquency Committee of the Commission, to whom was delegated the responsibility of formulating a bicycle registration program for this city, met with Chief of Police Timothy F. Leahy in his office on October 31, 1939.

Mr. Cavanaugh and Mr. Mannos of the Committee were present. Also in attendance were Sergeant McAuliffe of the Juvenile Aid Bureau and Sergeant Maher, school safety officer. During this discussion, Chief Leahy expressed himself as being whole-heartedly in favor of a compulsory bicycle registration program for this city as a means of promoting safety and reducing theft of bicycles.

As a result of considerable study and research into the subject, on December 18 the Youth Commission voted to recommend the adoption of a city ordinance providing for the compulsory registration of all bicycles within the city at a fee of twenty-five cents for a two-year registration period beginning June 1, 1940.

With the assistance of the city law department, an ordinance was drawn by the Commission and submitted to His Honor the Mayor for transmission to City Council. Accompanying this ordinance was the Commission's recommendation that it ought to pass.

ACKNOWLEDGMENTS

The Commission takes this opportunity to express its sincere appreciation to His Honor, Mayor John W. Lyons, for his willingness to coöperate at all times and particularly on the occasion of the Fathers and Sons Baseball Night when he personally defrayed expenses entailed by the showing of the baseball motion pictures. The Commission is also grateful to His Honor the Mayor for his donation of the trophy awarded to the outstanding Citizens' Military Training Corps student from this city.

The Commission also expresses its gratitude to City Councillor Francis L. Sennott, who on several occasions donated necessary tickets of admission to programs sponsored by the Commission.

To Mr. Stanley Sumner, manager, and the employees of the University Theatre, the Commission expresses its sincere appreciation for their kindness during the year.

The Commission acknowledges its debt of gratitude to all public-spirited citizens who coöperated during the past year and contributed financially and otherwise to the work of the Commission. Without this coöperation, the programs sponsored by the Commission could not have been conducted.

CONCLUSION

The Cambridge Youth Commission is now directing its attention to the problem of vandalism and anticipates holding public hearings during the coming year in an effort to devise ways and means to cope with destruction of public and private property within the city.

Recommendations of the Cambridge Youth Commission will be submitted from time to time during the year in connection with its efforts to assist the youth of the City of Cambridge.

Respectfully submitted,

WILLIAM C. CONWAY,
Executive Secretary.

THOMAS J. MURPHY,
Chairman.

ORDINANCES

PASSED TO BE ORDAINED FROM JANUARY 1, 1939
TO DECEMBER 31, 1939

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic."
Be it ordained by the City Council of the City of Cambridge as follows:

Section 6 of Article V. Miscellaneous Parking Prohibited in Specified Places. (a) No vehicles shall park on the following streets or parts thereof during the hours indicated below — is hereby amended by adding at the end thereof the following:

Richdale Avenue, both sides, between Herbert Street and Cambridge Terrace from 8 a.m. to 8 p.m.

Passed to be ordained January 31, 1939.

Approved by the Mayor, February 2, 1939.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic."
Be it ordained by the City Council of the City of Cambridge as follows:

Section 3 of Article V. Parking Prohibited During Certain Hours on Certain Streets. (a) No person shall park a vehicle for more than one hour between the hours of 7 a.m. and 7 p.m. on the following streets or parts of streets — is hereby amended by adding at the end thereof the following:

Cambridge Street, both sides, from Prospect Street to Springfield Street.

Passed to be ordained January 31, 1939.

Approved by the Mayor, February 2, 1939.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic."
Be it ordained by the City Council of the City of Cambridge as follows:

Section 2 of Article V. Parking Prohibited on Certain Streets. Upon the following streets or highways or parts thereof parking

is hereby prohibited — is hereby amended by adding at the end thereof the following:

Herbert Street, easterly side, between Cambridge Terrace and Richdale Avenue.

Passed to be ordained January 31, 1939.

Approved by the Mayor, February 2, 1939.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic." Be it ordained by the City Council of the City of Cambridge as follows:

Section 2 of Article VII. Parking of Vehicles on One-Way Streets. Upon all one-way streets or parts thereof vehicles shall park on the right side of such streets only. Upon the following streets or parts thereof, vehicles shall be parked only in the manner specified — is hereby amended by adding at the end thereof the following:

On Green Street, between Western Avenue and Pleasant Street, vehicles may stand at either curb.

Passed to be ordained February 14, 1939.

Approved by the Mayor, February 16, 1939.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic." Be it ordained by the City Council of the City of Cambridge as follows:

Section 1 of Article VII. One-Way Streets. Upon the following streets or parts of streets vehicular traffic shall move only in the direction indicated below — is hereby amended by striking out the following:

Green Street, from Pearl Street to Magazine Street, in a northwesterly direction and substituting in place thereof the following:

Green Street, from Pearl Street to Pleasant Street, in a northwesterly direction.

Passed to be ordained February 14, 1939.

Approved by the Mayor, February 16, 1939.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic."
Be it ordained by the City Council of the City of Cambridge as follows:

Section 2 of Article V. Parking Prohibited on Certain Streets. Upon the following streets or highways or parts thereof parking is hereby prohibited — is hereby amended by striking out the following:

Green Street, easterly side, between Western Avenue and Vernon Street, and substituting in place thereof the following:

Green Street, northerly side, between Pleasant Street and Vernon Street.

Passed to be ordained February 14, 1939.

Approved by the Mayor, February 16, 1939.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic."
Be it ordained by the City Council of the City of Cambridge as follows:

Section 1 of Article VII. One-Way Streets. Upon the following streets or parts of streets vehicular traffic shall move only in the direction indicated below — is hereby amended by striking out the following:

Whittemore Avenue, from Magoun Street to Alewife Brook Boulevard in a westerly direction.

Passed to be ordained February 14, 1939.

Approved by the Mayor, February 16, 1939.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic."
Be it ordained by the City Council of the City of Cambridge as follows:

Section 1 of Article VII. One-Way Streets. Upon the following streets or parts of streets vehicular traffic shall move only in the direction indicated below — is hereby amended by striking out the following:

Crescent Street, from Oxford Street to Sacramento Street in an easterly direction, and substituting in place thereof the following:

Crescent Street from Sacramento Street to Oxford Street in a westerly direction.

Passed to be ordained February 21, 1939.

Approved by the Mayor, February 24, 1939.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic." Be it ordained by the City Council of the City of Cambridge as follows:

Section 1 of Article VII. One-Way Streets. Upon the following streets or parts of streets vehicular traffic shall move only in the direction indicated below — is hereby amended by adding at the end thereof the following:

Temple Street, from Massachusetts Avenue to Austin Street in a northerly direction.

Passed to be ordained March 7, 1939.

Approved by the Mayor, March 9, 1939.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic." Be it ordained by the City Council of the City of Cambridge as follows:

Section 1 of Article VII. One-Way Streets. Upon the following streets or parts of streets vehicular traffic shall move only in the direction indicated below — is hereby amended by striking out the following:

Prescott Street, from Harvard Street to Broadway in a northerly direction, and substituting in place thereof the following:

Prescott Street, from Harvard Street to Cambridge Street in a northerly direction.

Passed to be ordained March 7, 1939.

Approved by the Mayor, March 9, 1939.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic." Be it ordained by the City Council of the City of Cambridge as follows:

Section 2 of Article V. Parking Prohibited on Certain Streets. Upon the following streets or highways or parts thereof parking

is hereby prohibited — is hereby amended by adding at the end thereof the following:

Broadway, easterly side, from Tremont Street to Prospect Street.

Passed to be ordained March 14, 1939.

Approved by the Mayor, March 16, 1939.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic." Be it ordained by the City Council of the City of Cambridge as follows:

Section 2 of Article V. Parking Prohibited on Certain Streets. Upon the following streets or highways or parts thereof parking is hereby prohibited — is hereby amended by striking out the following:

Massachusetts Avenue, easterly side, between Charles River Road and a point opposite Princeton Street, and substituting in place thereof the following:

Massachusetts Avenue, easterly side, between Memorial Drive and Vassar Street.

Passed to be ordained March 28, 1939.

Approved by the Mayor, March 30, 1939.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic." Be it ordained by the City Council of the City of Cambridge as follows:

Section 2 of Article V. Parking Prohibited on Certain Streets. Upon the following streets, or highways or parts thereof, parking is hereby prohibited — is hereby amended by adding at the end thereof the following:

Massachusetts Avenue, westerly side, from Princeton Avenue to a point fifty feet north.

Massachusetts Avenue, westerly side, from Princeton Avenue to a point fifty feet south.

Passed to be ordained March 28, 1939.

Approved by the Mayor, March 30, 1939.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic."
Be it ordained by the City Council of the City of Cambridge as follows:

Section 6 of Article V. Miscellaneous Parking Prohibitions in Specified Places. (a) No vehicles shall park on the following streets or parts thereof during the hours indicated below — is hereby amended by adding at the end thereof the following:

The area bounded by Massachusetts Avenue, extension of Garden Street in front of Sumner Statue; Peabody Street and a point opposite Church Street, from 2 a.m. to 10 a.m.

Passed to be ordained April 18, 1939.

Approved by the Mayor, April 21, 1939.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic."
Be it ordained by the City Council of the City of Cambridge as follows:

Section 11 of Article V. Angle Parking. (b) Upon the following streets or parts of streets which have been marked or signed for angle parking, vehicles shall be parked with one wheel within twelve (12) inches of the curb and at the angle to the curb indicated by such marks or official signs. The vehicle shall be parked so that all four wheels of the vehicle shall be placed wholly within the painted lines provided and at the angle indicated below — is hereby amended by striking out the following:

Cambridge Street, from Prospect Street to Springfield Street, both sides. (At an angle of 45 degrees.)

Passed to be ordained April 25, 1939.

Approved by the Mayor, April 27, 1939.

AN ORDINANCE

In amendment to an ordinance entitled: "Construction, Use, Maintenance and Inspection of Buildings."
Be it ordained by the City Council of the City of Cambridge as follows:

1. Section 12 of the ordinance adopted December 31, 1923,

and approved January 7, 1924, entitled "Construction, Use, Maintenance and Inspection of Buildings," is hereby amended by inserting the word and figure "or 5" in the second line of the fourth unnumbered paragraph thereof after the words and figure "Building District 4" so that the said paragraph shall read as follows:

"Where any portion of a residence district lies within the boundaries of a Building District 4 or 5, as designated on the zoning map, no building in such portion of a residence district shall be used or erected which is arranged, intended or designed to be used for any one or more of the following classes of use as defined in Section 10:"

2. Section 16 of said ordinance is hereby amended by striking out the word "four" in the second line, and substituting the word "five" therefor, and by striking out the word "and" and the figure "4" in the fourth line, and substituting the word and figures "4 and 5" therefor so that the said Section shall read as follows:

"Section 16. For the purpose of this ordinance, the City of Cambridge is hereby divided into five classes of building districts, designed Building Districts 1, 2, 3, 4 and 5 respectively, as shown on the zone map which accompanies this ordinance and is hereby declared to be part thereof. The building districts designated on said map are hereby established. The building district map designations and map designation rules which accompany said zone map are hereby declared to be part thereof. No building or part of a building shall be erected and no existing buildings shall be altered, enlarged or rebuilt, except in conformity with the regulations herein prescribed for the district in which the building is located."

3. The zone map accompanying said ordinance is hereby amended:

(a) by striking out the designation R-4 as shown on said zone map and substituting in place thereof the designation R-5 insofar as the said zone map relates to the area bounded and described as follows:

Beginning at a point in the easterly line of Reservoir Street 100 feet distant northerly from the northeasterly corner of Reservoir Street and Highland Street; thence easterly parallel to and 100 feet distant northerly from Highland Street 1278.5 feet to the

westerly line of Sparks Street; thence southerly by the Westerly line of Sparks Street 240 feet to a point 100 feet southerly from the southwest corner of Sparks Street and Highland Street; thence westerly parallel to and 100 feet distant southerly from Highland Street 1,432 feet to a point 100 feet southerly from the southeast corner of Highland Street and Reservoir Street and at right angles to the southerly line of Highland Street; thence westerly by a line parallel with the last preceding course 34 feet to the southeasterly line of Reservoir Street on land of Means; thence northeasterly and northerly by the easterly line of Reservoir Street to the point of beginning. Be all of said measurements more or less.

(b) by adding to the "Map Designation Rules" now appearing thereon the words "R-5."

4. Said ordinance is hereby amended by inserting after Section 17 thereof the following new section:

"Section 17A. In building districts R-5, no building or part thereof shall be erected to a height exceeding the width of the widest street on which the building stands, measured from the face of any such part to the line of the street on the other side, nor exceeding $2\frac{1}{2}$ stories or 40 feet in any case."

5. Said ordinance is hereby amended by inserting after Section 24 the following new sections:

"Section 24A. In building districts R-5, no part of a building above the first floor, except one-story unenclosed porches and piazzas, shall be erected within 40 feet of the center line of any street, nor within 20 feet of the line of any street."

"Section 24B. In building districts R-5, no dwelling shall be erected or maintained, except on lots containing not less than 8,000 square feet each, and having each a frontage of not less than 75 feet, and not more than one dwelling shall be erected on each such lot, except that

(1) A lot of less than 16,000 and more than 12,800 square feet may be divided into lots containing not less than 6,400 square feet each, and each having a frontage of not less than 75 feet, and one dwelling may be erected on each such lot; and

(2) If a lot contains more than 16,000 square feet, and if, after division into as many 8,000 square foot lots as practicable, there remains a lot of 6,400 square feet or more, one dwelling may

be erected on such remaining lot, provided the same has a frontage of not less than 75 feet; and

(3) One dwelling may be erected on a lot containing less than 8,000 square feet, but having a frontage of not less than 75 feet, or on a lot having a frontage of less than 75 feet but containing not less than 8,000 square feet, if before notice of the hearing on the question of the adoption of this amending ordinance was first given, the lot in question (a) was recorded or registered as a separate parcel of land in the Middlesex Registry of Deeds, or (b) was laid out on a plan accompanying a petition for a permit filed with the Superintendent and (c) did not adjoin other land of the same owner available for use in connection with said lot.

Frontage as required in the foregoing provisions of this section 24B shall be determined as follows:

In the case of a lot fronting on a street, the distance shall be measured along the street line from one side line of the lot to the other and the distance shall also be measured between said side lines along a line which marks the required front setback of the dwelling on such lot, and the longer of said distances shall determine the frontage of such lot. In the case of a lot not fronting on any street, the distance shall be measured from one side line of the lot to the other along the line designated as the front line of the lot on the plan filed in accordance with this ordinance with the Superintendent as a part of an application for a building permit, and such distance shall determine the frontage of such lot.

“Section 24C. In building districts R-5, no two-family dwelling shall be erected or maintained so that it covers more than 25 per cent of the area of a corner lot or more than 15 per cent of the area of an interior lot.”

6. Section 26 of said ordinance is hereby amended by inserting after the words and figure “In building district 4,” in the second full paragraph thereof, the word and figure “and R-5” so that said paragraph shall read as follows:

“In building districts 4 and R-5, no building other than an accessory building may be erected on lots 80 feet or more in depth so as to produce rear yards less than 20 feet in depth.”

7. Said ordinance is hereby amended by inserting after Section 28 thereof the following new sections:

“Section 28A. Subject to the following section 28B, in

building districts R-5, no building shall be erected or maintained within 12 feet of a side line of a lot."

"Section 28B. In building districts R-5, on a lot abutting on two intersecting streets, no building shall be erected or maintained within 20 feet of the line of the side street."

8. Section 41 of said ordinance is hereby amended by inserting in the last line of the table under the heading "Residence Buildings A" the word and figure "and R-5" so that said table shall read as follows:

"Residence Buildings A
(Private dwellings, two-family dwellings; all club and boarding houses with less than five sleeping rooms above second story and not over three stories high.)

	Number of Stories						
	1	2	2½	3	4	5	6 or more
District 1	2	2	2	2	2	1	1
Districts 2, 3, 4, and R-5	3-B	3-B	3-B	3-A	2	1	1 or more

9. The provisions of this amending ordinance shall be construed as being additional to and not as annulling, limiting or lessening to any extent whatsoever the requirements of any other ordinance, rule or regulation, provided that, unless specifically excepted, where this amending ordinance is more stringent it shall control.

10. The invalidity of any section or provision of this amending ordinance shall not invalidate any other section or provision hereof. If, for any reason, any requirement in building districts R-5 shall be or become invalid or inoperative, then the corresponding requirement, if any, of building districts R-4 shall be and become the requirement in its place; or if none, the requirements of building districts R-4 shall be and become the requirements of building districts R-5 so far as they are not inconsistent with the remaining valid or operative requirements of building districts R-5.

11. This amending ordinance shall take effect upon its passage. It shall affect and apply not only to any building for the erection of which a permit was not issued and in force prior to such passage but also to any building for the erection of which a permit was issued prior to such passage but after notice of hearing

on the question of adoption of this amending ordinance was first given.

Passed to be ordained April 25, 1939.

Approved by the Mayor, April 27, 1939.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic." Be it ordained by the City Council of the City of Cambridge as follows:

Section 6 of Article V. Miscellaneous Parking Prohibitions in Specified Places. (a) No vehicles shall park on the following streets or parts thereof during the hours indicated below — is hereby amended by adding at the end thereof the following:

Eliot Street, easterly side, from 2 a.m. to 10 a.m.

Eliot Street, westerly side, from 2 a.m. to 10 a.m.

Passed to be ordained May 2, 1939.

Approved by the Mayor, May 4, 1939.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic." Be it ordained by the City Council of the City of Cambridge as follows:

Section 4 of Article V. Parking Time Limited in Designated Places. No person shall park a vehicle for longer than one hour in the following described streets or parts thereof — is hereby amended by adding in the line "Eliot Street, easterly side," the words from 10 a.m. to 2 a.m. As amended the line will read as follows:

Eliot Street, easterly side, from 10 a.m. to 2 a.m.

Passed to be ordained May 2, 1939.

Approved by the Mayor, May 4, 1939.

AN ORDINANCE

In amendment to an ordinance entitled: "City Physician." Be it ordained by the City Council of the City of Cambridge as follows:

Section 4 of Chapter 50 of the Revised Ordinances of 1892, as amended to November 8, 1899 and as further amended by

ordinance passed to be ordained on December 26, 1935 is hereby further amended by striking out Section 4, which reads as follows:

Section 4. The city physician shall employ two assistants who shall assist him in the performance of his duty and in all cases the city physician shall be responsible for the conduct of such assistants. Each assistant shall be paid for such time as he is called upon by the city physician to serve the city on the basis of a salary of \$1,200 per year.

and substituting in place thereof the following new section —

Section 4. The city physician shall employ two assistants who shall hold office for two years from the date of their appointment and who shall not be eligible for any further service in this office and who shall assist him in the performance of his duty and in all cases the city physician shall be responsible for the conduct of such assistants. Each assistant shall be paid for such time as he is called upon by the city physician to serve the city on the basis of a salary of \$1,200 per year.

In City Council, April 25, 1939.

Passed to be ordained.

THOMAS M. McNAMARA, *President*.

The foregoing was presented to His Honor the Mayor on the 27th day of April, 1939, and it was not returned by him within ten days from said date.

Attest: FREDERICK H. BURKE,
City Clerk.

A true copy.

Attest: FREDERICK H. BURKE,
City Clerk.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic." Be it ordained by the City Council of the City of Cambridge as follows:

Section 3 of Article V. Parking Prohibited During Certain Hours on Certain Streets. (b) No person shall park a vehicle for more than one hour between midnight and 11 a.m. on the following streets or parts of streets — is hereby amended by including

in the list of streets under the heading "In Vicinity of Harvard Square" the following:

Story Street, northwesterly side.

Passed to be ordained May 9, 1939.

Approved by the Mayor, May 11, 1939.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic." Be it ordained by the City Council of the City of Cambridge as follows:

Section 3 of Article V. Parking Prohibited During Certain Hours on Certain Streets. (b) No person shall park a vehicle for more than one hour between midnight and 11 a.m. on the following streets or parts of streets — is hereby amended by striking out the following:

On all streets abutting on Harvard University Yard excepting Massachusetts Avenue easterly side, from Harvard Square to the Johnston Gate

and substituting in place thereof the following:

On all streets abutting on Harvard University Yard excepting Massachusetts Avenue northerly side, from Quincy Square to the Johnston Gate.

Passed to be ordained May 9, 1939.

Approved by the Mayor, May 11, 1939.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic." Be it ordained by the City Council of the City of Cambridge as follows:

Section 2 of Article V. Parking Prohibited on Certain Streets. Upon the following streets or highways or parts thereof parking is hereby prohibited — is hereby amended by striking out the following:

Church Street, southerly side.

Passed to be ordained May 9, 1939.

Approved by the Mayor, May 11, 1939.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic." Be it ordained by the City Council of the City of Cambridge as follows:

Section 3 of Article V. Parking Prohibited During Certain Hours on Certain Streets. (a) No person shall park a vehicle for more than one hour between the hours of 7 a.m. and 7 p.m. on the following streets or parts of streets — is hereby amended by striking out the following:

Church Street, and substituting in place thereof the following: Church Street, southerly side.

Passed to be ordained May 9, 1939.

Approved by the Mayor, May 11, 1939.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic." Be it ordained by the City Council of the City of Cambridge as follows:

Section 3 of Article V. Parking Prohibited During Certain Hours on Certain Streets. (a) No person shall park a vehicle for more than one hour between the hours of 7 a.m. and 7 p.m. on the following streets or parts of streets — is hereby amended by adding at the end thereof the following:

Massachusetts Avenue, northerly side, from Quincy Square to Johnston Gate.

Passed to be ordained May 9, 1939.

Approved by the Mayor, May 11, 1939.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic." Be it ordained by the City Council of the City of Cambridge as follows:

Section 1 of Article VII. One-Way Streets. Upon the following streets or parts of streets vehicular traffic shall move only in the direction indicated below — is hereby amended by adding at the end thereof the following:

Appian Way, from Brattle Street to Garden Street, in a northerly direction.

Passed to be ordained May 9, 1939.

Approved by the Mayor, May 11, 1939.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic."
Be it ordained by the City Council of the City of Cambridge as follows:

Section 2 of Article V. Parking Prohibited on Certain Streets. Upon the following streets or highways or parts thereof parking is hereby prohibited — is hereby amended by striking out the following:

Prospect Street, westerly side, between Massachusetts Avenue and a point approximately 100 feet north of Massachusetts Avenue.

Passed to be ordained May 16, 1939.

Approved by the Mayor, May 18, 1939.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic."
Be it ordained by the City Council of the City of Cambridge as follows:

Section 3 of Article V. Parking Prohibited During Certain Hours on Certain Streets. (a) No person shall park a vehicle for more than one hour between the hours of 7 a.m. and 7 p.m. on the following streets or parts of streets — is hereby amended by adding at the end thereof the following:

Prospect Street, westerly side, between Massachusetts Avenue and Austin Street.

Passed to be ordained May 16, 1939.

Approved by the Mayor, May 18, 1939.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic."
Be it ordained by the City Council of the City of Cambridge as follows:

Section 2 of Article V. Parking Prohibited on Certain Streets. Upon the following streets or highways or parts thereof parking is hereby prohibited — is hereby amended by adding at the end thereof the following:

Prospect Street, easterly side, between Massachusetts Avenue and Austin Street.

Passed to be ordained May 16, 1939.

Approved by the Mayor, May 18, 1939.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic."
Be it ordained by the City Council of the City of Cambridge as follows:

Section 4 of Article V. Time Limited in Designated Places. No person shall park a vehicle for longer than one hour in the following described streets or parts thereof is hereby amended by striking out the following:

Prospect Street, from Massachusetts Avenue to Austin Street.

Passed to be ordained May 23, 1939.

Approved by the Mayor, May 25, 1939.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic."
Be it ordained by the City Council of the City of Cambridge as follows:

Section 3 of Article V. Parking Prohibited During Certain Hours on Certain Streets. (b) No person shall park a vehicle for more than one hour between midnight and 11 a.m. on the following streets or parts of streets — is hereby amended by striking out the following:

Hayward Street, from Main Street to Amherst Street, and substituting in place thereof the following:

Hayward Street, from a point approximately 100 feet south of Main Street to Amherst Street.

Passed to be ordained May 23, 1939.

Approved by the Mayor, May 25, 1939.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic."
Be it ordained by the City Council of the City of Cambridge as follows:

Section 2 of Article V. Parking Prohibited on Certain Streets. Upon the following streets or highways or parts thereof parking is hereby prohibited — is hereby amended by adding at the end thereof the following:

Hayward Street, both sides, between Main Street and a point 100 feet south of Main Street.

Passed to be ordained May 23, 1939.

Approved by the Mayor, May 25, 1939.

AN ORDINANCE

In amendment to an ordinance entitled: "Duties and Salaries." Be it ordained by the City Council of the City of Cambridge as follows:

Section 7 of Chapter 28 of the Revised Ordinances of 1892, as amended to November 8, 1899, is hereby further amended by striking out said section 7 and inserting in place thereof the following:

Section 7. No person shall be appointed to any position of employment in any departments of the city who has not been a resident of Cambridge for five years continuously prior to his or her appointment.

No person shall be appointed to any unpaid board or commission of the city who has not been a resident of Cambridge for five years continuously prior to his or her appointment. All other ordinances or parts of ordinances inconsistent with the provisions of this section to the extent of their inconsistency are hereby repealed.

In City Council, June 29, 1937.

Passed to be ordained.

THOMAS M. McNAMARA, *President*.

Executive Department, July 10, 1937.

Vetoed.

JOHN D. LYNCH, *Mayor*.

In City Council, June 13, 1939.

Passed to be ordained over veto.

THOMAS M. McNAMARA, *President*.

A true copy,

Attest: FREDERICK H. BURKE,
City Clerk.

Ordinance declared invalid by City Solicitor.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic."
Be it ordained by the City Council of the City of Cambridge as follows:

Section 2 of Article V. Parking Prohibited on Certain Streets. Upon the following streets or highways or parts thereof parking is hereby prohibited — is hereby amended by striking out the following:

Cambridge Street, southerly side, between First and Third Streets.

Passed to be ordained June 20, 1939.

Approved by the Mayor, June 22, 1939.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic."
Be it ordained by the City Council of the City of Cambridge as follows:

Section 3 of Article V. Parking Prohibited During Certain Hours on Certain Streets. (a) No person shall park a vehicle for more than one hour between the hours of 7 a.m. and 7 p.m. on the following streets or parts of streets — is hereby amended by adding at the end thereof the following:

Cambridge Street, southerly side, between First and Third Streets.

Passed to be ordained June 20, 1939.

Approved by the Mayor, June 22, 1939.

AN ORDINANCE

In amendment to an ordinance entitled: "Law."
Be it ordained by the City Council of the City of Cambridge as follows:

Chapter 17 of the Revised Ordinances of 1892 as amended to November 8, 1899 is hereby amended by striking out the entire chapter and substituting in place thereof the following:

Chapter XVII**Law**

Section 1. The Law Department shall be in charge of the City Solicitor, who shall be a citizen of Cambridge and an attorney and counsellor of the courts of the Commonwealth, and

who shall hold no other office under the City Government. He shall be appointed by the Mayor without confirmation by the City Council and may be removed by the Mayor without such confirmation.

Section 2. He shall by himself, or by some person by him duly authorized, for whose conduct, skill and faithfulness he shall be accountable, draft all legal instruments, of whatever nature, which may be required of him by any ordinance, or order of the City Council, or which may be requisite to be done and made by the City and any person contracting with the City, and which, by law, usage or agreement the City is to be at the expense of drawing.

Section 3. He shall commence and prosecute all actions and suits to be commenced by the City, before any tribunal in this Commonwealth, whether in law or equity, and also appear in, defend and advocate the rights and interests of the City, or any of the officers of the City, in any suit or prosecution, for any act or omission in the discharge of their official duties, wherein any estate, right, privilege, ordinance or act of the City Government, or any breach of any ordinance, may be brought in question. He shall, in all matters, do every professional act incident to the office, which may be required of him by the City Government, or by any committee thereof, or by any ordinance or order. He shall furnish legal opinions on such subjects or questions as may be submitted to him by the Mayor, the City Council or the School Committee; by any committee of the City Council, or any subcommittee of the School Committee or any board or department of the City Government who may require advice in regard to the discharge of their duties.

Section 4. He shall receive such salary as the City Council may determine. In all cases when his attendance is required out of the city, his reasonable travelling expenses shall be allowed him.

Section 5. The City Solicitor shall appoint two assistants who shall assist him in the performance of the duties of his office. These assistants shall be residents of Cambridge and attorneys eligible to practice in the courts of the Commonwealth.

Section 6. Suitable offices shall be provided for the Law Department and said offices shall be located in the City of Cambridge.

Passed to be ordained June 13, 1939.

Approved by the Mayor, June 15, 1939.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic."
Be it ordained by the City Council of the City of Cambridge as follows:

Section 1 of Article VII. One-Way Streets. Upon the following streets or parts of streets vehicular traffic shall move only in the direction indicated below — is hereby amended by adding at the end thereof the following:

Trowbridge Street from Broadway to Cambridge Street in a northerly direction.

Passed to be ordained June 27, 1939.

Approved by the Mayor, June 29, 1939.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic."
Be it ordained by the City Council of the City of Cambridge as follows:

Section 2 of Article V. Parking Prohibited on Certain Streets. Upon the following streets or highways or parts thereof parking is hereby prohibited — is hereby amended by adding at the end thereof the following:

Western Avenue, southerly side, between Green Street and Franklin Street.

Passed to be ordained June 27, 1939.

Approved by the Mayor, June 29, 1939.

AN ORDINANCE

In amendment to an ordinance entitled: "Duties and Salaries."
Be it ordained by the City Council of the City of Cambridge as follows:

Section 30 of Chapter 28 of the Revised Ordinances of 1892, as amended to November 8, 1899, is hereby further amended by inserting the following line:

Superintendent of Cemeteries, \$3,000.00.

Passed to be ordained June 27, 1939.

Approved by the Mayor, June 29, 1939.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic."
Be it ordained by the City Council of the City of Cambridge as follows:

Section 1 of Article VII. One-Way Streets. Upon the following streets or parts of streets vehicular traffic shall move only in the direction indicated below — is hereby amended by striking out the following:

Myrtle Avenue, from Kirkland Street to Magnolia Avenue, in a southeasterly direction.

Passed to be ordained June 20, 1939.

Approved by the Mayor, June 22, 1939.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic."
Be it ordained by the City Council of the City of Cambridge as follows:

Section 2 of Article V. Parking Prohibited on Certain Streets. Upon the following streets or highways or parts thereof parking is hereby prohibited — is hereby amended by adding at the end thereof the following:

Fourth Street, both sides, between Winter Street and Bridge Street.

Passed to be ordained July 24, 1939.

Approved by the Mayor, July 26, 1939.

AN ORDINANCE

Establishing a Public Parking Space.

Be it ordained by the City Council of the City of Cambridge as follows:

Section 1. The parcel of city-owned land bounded by Mt. Auburn Street, Bennett Street and Eliot Square, formerly the site of the Brattle Square Police Station, is hereby designated as a public parking space.

Section 2. No person shall park a vehicle in the aforesaid area between the hours of 2 o'clock a.m. and 10 o'clock a.m.

Section 3. Any person violating the provisions of this ordi-

nance shall be subject to a penalty of not exceeding twenty dollars for each and every offense.

Passed to be ordained July 24, 1939.

Approved by the Mayor, July 26, 1939.

AN ORDINANCE

In amendment to an ordinance entitled: "Duties and Salaries." Be it ordained by the City Council of the City of Cambridge as follows:

Section 7 of Chapter 28 of the Revised Ordinances of 1892, as amended to November 8, 1899 is hereby further amended by striking out said section 7 and inserting in place thereof the following:

Section 7. No person shall be appointed to any position of employment in any department of the city (excepting the City Hospital Department and the Health Department — Tuberculosis division) who has not been a resident of Cambridge for two years continuously prior to his or her appointment. No person shall be appointed to any unpaid board or commission of the city who has not been a resident of Cambridge for two years continuously prior to his or her appointment.

All other ordinances or parts of ordinances inconsistent with the provisions of this section to the extent of their inconsistency are hereby repealed.

In City Council, July 24, 1939.

Passed to be ordained as amended.

THOMAS M. McNAMARA, *President*.

The foregoing was presented to His Honor the Mayor on July 26, 1939 and it was not returned by him within ten days from said date.

Attest:

FREDERICK H. BURKE, *City Clerk*.

A true copy,

Attest:

FREDERICK H. BURKE, *City Clerk*.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic."
Be it ordained by the City Council of the City of Cambridge, as follows:

Section 6 of Article V. Miscellaneous Parking Prohibitions in Specified Places. (a) No vehicles shall park on the following streets or parts thereof during the hours indicated below — is hereby amended by striking out the following:

Green Street, between Brookline Street and Magazine Street from 6 a.m. to 6 p.m.

Passed to be ordained September 26, 1939.

Approved by the Mayor, September 28, 1939.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic."
Be it ordained by the City Council of the City of Cambridge as follows:

Section 2 of Article V. Parking Prohibited on Certain Streets. Upon the following streets or highways or parts thereof parking is hereby prohibited — is hereby amended by adding at the end thereof the following:

Green Street, both sides, between Brookline and Pearl Streets.

Passed to be ordained September 26, 1939.

Approved by the Mayor, September 28, 1939.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic."
Be it ordained by the City Council of the City of Cambridge as follows:

Section 2 of Article V. Parking Prohibited on Certain Streets. Upon the following streets or highways or parts thereof parking is hereby prohibited — is hereby amended by adding at the end thereof the following:

Hamilton Street, southerly side, between Brookline Street and Sidney Street.

Passed to be ordained September 26, 1939.

Approved by the Mayor, September 28, 1939.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic."
Be it ordained by the City Council of the City of Cambridge as follows:

Section 2 of Article V. Parking Prohibited on Certain Streets. Upon the following streets or highways or parts thereof parking is hereby prohibited — is hereby amended by striking out the following:

Brookline Street between Massachusetts Avenue and Green Street.

Passed to be ordained September 26, 1939.

Approved by the Mayor, September 28, 1939.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic."
Be it ordained by the City Council of the City of Cambridge as follows:

Section 1 of Article VII. One-Way Streets. Upon the following streets or parts of streets vehicular traffic shall move only in the direction indicated below — is hereby amended by adding at the end thereof the following:

Brookline Street from Franklin Street to Massachusetts Avenue in a northerly direction.

Passed to be ordained September 26, 1939.

Approved by the Mayor, September 28, 1939.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic."
Be it ordained by the City Council of the City of Cambridge as follows:

Section 2 of Article VII. Parking of Vehicles on One-Way Streets. Upon all one-way streets or parts thereof vehicles shall park on the right side of such streets only. Upon the following streets or parts thereof, vehicles shall be parked only in the manner specified — is hereby amended by striking out the following:

On Pearl Street between Massachusetts Avenue and Franklin Street, vehicles may stand at the left curb only and substituting in place thereof:

On Pearl Street between Green Street and Franklin Street, vehicles may stand at the left curb only.

Passed to be ordained October 3, 1939.

Approved by the Mayor, October 5, 1939.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic." Be it ordained by the City Council of the City of Cambridge as follows:

Section 2 of Article V. Parking Prohibited on Certain Streets. Upon the following streets or highways or parts thereof parking is hereby prohibited — is hereby amended by adding at the end thereof the following:

Pearl Street, easterly side, between Massachusetts Avenue and Green Street.

Passed to be ordained October 3, 1939.

Approved by the Mayor, October 5, 1939.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic." Be it ordained by the City Council of the City of Cambridge as follows:

Section 1 of Article VII. One-Way Streets. Upon the following streets or parts of streets vehicular traffic shall move only in the direction indicated below — is hereby amended by striking out the following:

Franklin Street, from River Street to Pearl Street, in a southeasterly direction, and substituting in place thereof the following:

Franklin Street, from River Street to Brookline Street, in a southeasterly direction.

Passed to be ordained November 14, 1939.

Approved by the Mayor, November 16, 1939.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic." Be it ordained by the City Council of the City of Cambridge as follows:

Section 4 of Article V. Time Limited in Designated Places. No person shall park a vehicle for longer than one hour in the following described streets or parts thereof — is hereby amended by striking out:

Massachusetts Avenue, southerly side, between Pleasant Street and Lafayette Square,
and substituting in place thereof the following:

Massachusetts Avenue, southerly side, between Pleasant Street and Memorial Drive.

Passed to be ordained November 28, 1939.

Approved by the Mayor, December 1, 1939.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic." Be it ordained by the City Council of the City of Cambridge as follows:

Section 4 of Article V. Time Limited in Designated Places. No person shall park a vehicle for longer than one hour in the following described streets or parts thereof — is hereby amended by striking out:

Massachusetts Avenue, northerly side, between Inman Street and Lafayette Square,
and substituting in place thereof the following:

Massachusetts Avenue, northerly side, between Inman Street and Vassar Street.

Passed to be ordained November 28, 1939.

Approved by the Mayor, December 1, 1939.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic." Be it ordained by the City Council of the City of Cambridge as follows:

Section 2 of Article V. Parking Prohibited on Certain Streets. Upon the following streets or highways or parts thereof parking is hereby prohibited — is hereby amended by striking out the following:

Western Avenue, southerly side, between Green Street and Franklin Street.

Passed to be ordained December 5, 1939.

Approved by the Mayor, December 7, 1939.

AN ORDINANCE

In amendment to an ordinance entitled: "Construction, Use, Maintenance and Inspection of Buildings."

Be it ordained by the City Council of the City of Cambridge as follows:

The Zone Map accompanying ordinance adopted December 31, 1923 and approved January 7, 1924 entitled: "Construction, Use, Maintenance and Inspection of Buildings" is hereby amended by establishing new lines and striking out the designation R-2 as shown on said Zone Map and substituting in place thereof new lines and the designation B-2 insofar as the said Zone Map relates to the following described parcel of land:

Beginning at a point in the northerly line of Memorial Drive said point being distant westerly one hundred (100) feet from the westerly line of now or formerly Fowler Street; thence northerly parallel to and one hundred (100) feet distant westerly from the westerly line of now or formerly Fowler Street four hundred ten (410) feet to a corner at the present division line between Zone R-2 and Zone B-2; thence turning and running westerly along present division line between Zone R-2 and Zone B-2 eleven hundred twenty (1120) feet to an angle; thence turning and running southeasterly along the present division line between Zone R-2 and Zone B-2 four hundred thirty (430) feet to a point in the northerly line of Memorial Drive; thence easterly along the present northerly line of Memorial Drive nine hundred eighty-two (982) feet to the point of beginning. Containing 430,910 square feet more or less. All dimensions being more or less.

The above described parcel of land is shown on a plan entitled "City of Cambridge Zone Map, approved January 7, 1924" and on file in the office of the Building Department, City Hall, Cambridge, Mass.

Passed to be ordained December 5, 1939.

Approved by the Mayor, December 12, 1939.

AN ORDINANCE

In amendment to an ordinance entitled: "Disposal of Litter and Rubbish in Streets, Commons, Public Places and Squares."

Be it ordained by the City Council of the City of Cambridge as follows:

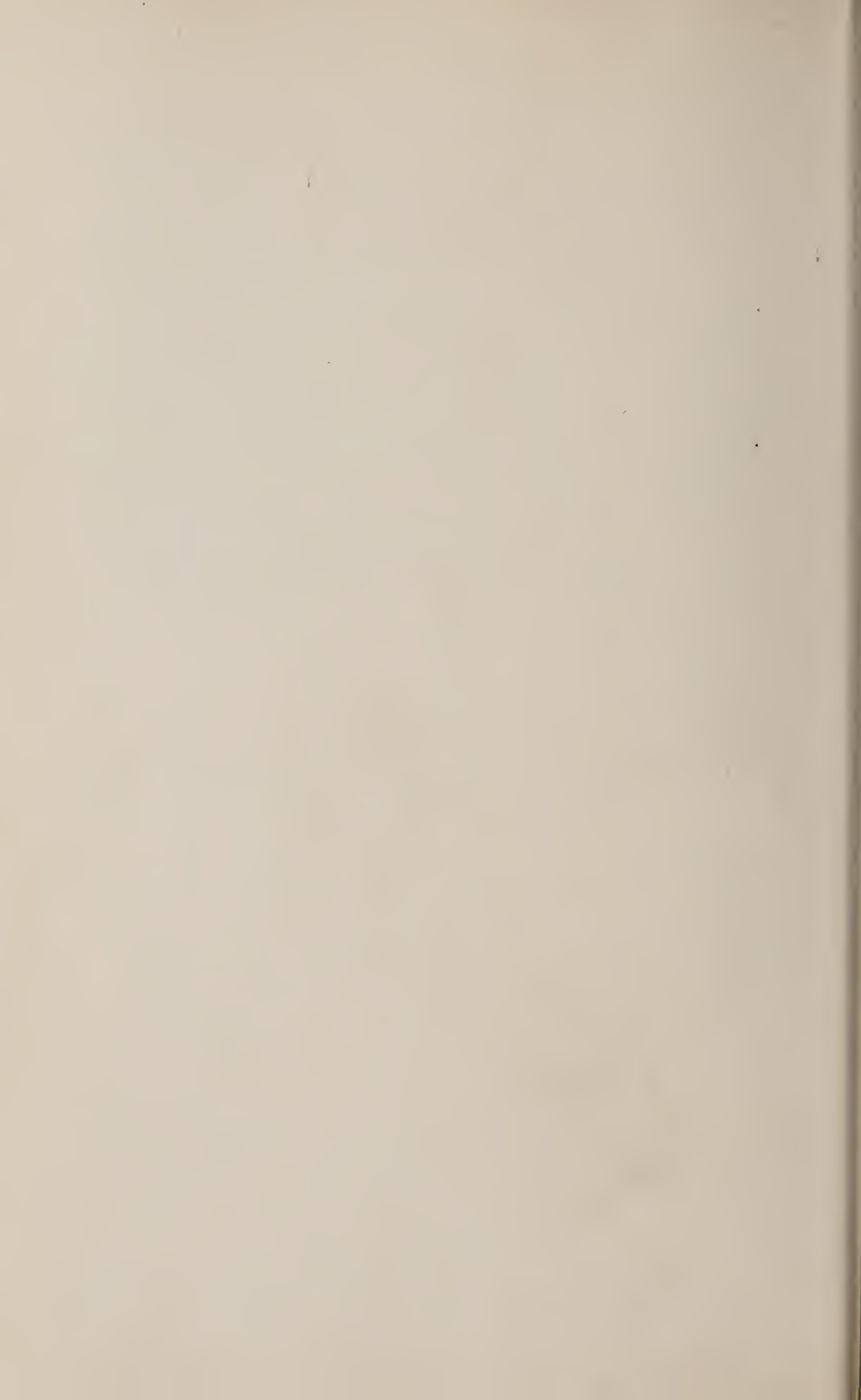
Section 1 of Chapter 47 of the Revised Ordinances of 1892, as amended to November 8, 1899 is hereby further amended by striking out the following:

“Nor shall any person distribute in a public street, or to persons on the street, or place or cause to be placed, handbills, cards, circulars or papers of any kind, except newspapers.” As amended Section 1 will read as follows:

Section 1. Except as heretofore otherwise provided by ordinance, no person shall deposit, drop, place, put, sweep or throw into or upon any street, common, public place or square in this city any ashes, board, bottles, bricks, card, cinders, house dirt, iron or steel filings, glass, hand-bill, hair, piece of hoop, noxious or refuse liquor, manure, nail, offal, waste paper, sawdust, shavings, shells of any kind, shreds, soot, stones, animal or vegetable substance, solid matter or substance, sweepings, tin cans, wood, or filth, or rubbish of any kind.

Passed to be ordained December 12, 1939.

Approved by the Mayor, December 13, 1939.



CITY OF CAMBRIDGE

MASSACHUSETTS

REPORT

OF THE

BOARD OF ELECTION
COMMISSIONERS

For the Year Ending December 31, 1939



PRINTED FOR THE DEPARTMENT
UNDER THE DIRECTION OF THE CITY CLERK

CITY PRIMARY, OCTOBER 17, 1939

CITY OF CAMBRIDGE

CANDIDATES FOR		MAYOR					SCHOOL COMMITTEE																
Names of Candidates		Whole Number of Ballots Cast	Lynch	Blanchard	Lyons, J. W.	Daly	Gibson	Lyons, A. J.	Russell	Brewer	Blanks	Doyle	McCrehan	Carr, Jr.	Heaton	Reardon	Facey	Edgcomb	Galgay	Reynolds	Conant	Cassidy	Blanks
Ward 1	Prec. 1	786	85	4	535	1	8	19	123	1	10	105	151	142	52	310	75	118	120	40	160	283	802
	Prec. 2	905	118	3	526	1	29	33	170	1	24	123	192	118	61	333	71	197	147	72	174	306	921
	Prec. 3	813	85	3	552	0	20	15	129	2	7	88	202	165	60	306	77	138	135	43	171	293	761
	Prec. 4	850	163	2	473	6	31	27	137	0	17	107	113	158	76	254	61	320	177	64	113	332	775
	Prec. 5	709	137	0	394	1	20	12	137	0	8	93	114	120	96	224	70	201	173	36	93	310	597
Totals.....		4,063	588	12	2,480	3	108	106	696	4	66	516	772	703	345	1,427	354	974	752	255	711	1,524	3,856
Ward 2	Prec. 1	559	109	8	276	2	26	10	119	5	4	72	96	91	138	134	115	31	250	22	102	228	398
	Prec. 2	738	133	4	439	0	20	17	119	0	6	91	101	98	250	230	101	95	256	25	167	263	537
	Prec. 3	545	125	3	247	1	17	13	129	2	8	92	102	103	193	124	89	37	160	32	122	258	323
	Prec. 4	550	88	2	239	2	32	12	165	3	7	97	115	105	141	118	87	43	161	67	121	225	370
	Prec. 5	514	118	8	233	2	23	8	114	1	7	83	95	118	120	112	98	44	168	47	137	190	330
Totals.....		2,906	573	25	1,434	7	118	60	646	11	32	435	509	515	842	718	490	250	995	193	649	1,164	1,958
Ward 3	Prec. 1	658	129	2	375	0	27	12	99	3	11	91	120	93	127	229	97	106	190	29	98	310	484
	Prec. 2	735	90	3	493	4	32	11	94	0	8	118	133	121	93	324	94	77	236	19	106	331	553
	Prec. 3	502	77	5	276	0	14	11	112	1	6	46	67	91	218	181	79	56	250	21	90	171	236
	Prec. 4	477	60	4	286	0	27	7	87	0	6	33	60	78	126	272	53	40	159	19	85	182	324
	Prec. 5	597	66	4	389	1	24	8	100	1	4	40	89	147	83	177	95	62	234	33	139	242	450
Totals.....		2,969	422	18	1,819	5	124	49	492	5	35	328	469	530	647	1,183	418	341	1,069	121	518	1,236	2,047
Ward 4	Prec. 1	536	129	13	193	0	25	10	145	8	13	84	75	119	88	105	141	34	182	44	156	218	362
	Prec. 2	560	102	17	208	0	30	7	191	0	5	70	83	130	99	92	94	42	265	33	216	223	333
	Prec. 3	473	74	19	230	0	27	6	114	0	3	59	53	95	82	95	81	49	197	28	165	190	325
	Prec. 4	459	90	23	139	4	20	3	173	1	6	46	57	139	61	47	76	56	214	45	210	186	240
	Prec. 5	522	91	25	166	0	22	7	205	0	6	50	78	143	80	81	66	41	242	53	235	205	292
Totals.....		2,550	486	97	936	4	124	33	828	9	33	309	346	626	410	420	458	222	1,100	203	982	1,022	1,552
Ward 5	Prec. 1	638	147	8	247	1	47	12	162	5	9	85	67	289	102	115	101	44	278	33	169	238	393
	Prec. 2	549	79	8	172	0	31	11	240	1	7	63	61	153	88	80	111	65	219	51	228	199	329
	Prec. 3	591	121	9	229	0	26	3	194	1	8	72	82	328	87	81	89	56	221	38	171	178	370
	Prec. 4	663	144	10	239	0	30	7	221	5	7	102	110	316	81	113	78	55	264	35	185	233	417
	Prec. 5	598	135	7	180	0	57	9	194	6	10	86	91	175	132	107	119	69	211	51	153	244	356
Totals.....		3,039	626	42	1,067	1	191	42	1,011	18	41	408	411	1,261	490	496	498	289	1,193	208	906	1,092	1,865

Ward 6	Prec. 1	572	109	7	265	0	49	11	111	3	17	65	103	128	73	221	91	42	173	30	127	205	458
	Prec. 2	519	96	13	184	0	26	8	187	0	5	50	83	124	58	102	84	56	207	59	213	236	285
	Prec. 3	485	70	10	133	3	28	2	234	0	5	63	80	144	33	38	57	47	213	59	260	188	273
	Prec. 4	708	188	4	242	6	95	16	153	0	4	121	191	223	62	153	156	53	256	20	185	291	413
	Prec. 5	680	200	3	244	1	57	11	136	14	14	88	116	146	112	137	177	33	218	36	195	283	499
Totals.....		2,964	663	37	1,068	10	255	48	821	17	45	387	573	765	338	651	565	231	1,067	204	980	1,203	1,928
Ward 7	Prec. 1	405	76	9	113	1	37	2	163	0	4	34	109	145	34	38	72	33	147	55	177	162	209
	Prec. 2	601	138	1	196	0	26	3	226	3	8	61	116	138	48	112	136	61	225	94	224	240	348
	Prec. 3	438	59	39	64	1	40	1	231	1	2	22	56	131	31	37	83	52	181	56	286	176	203
	Prec. 4	505	78	22	98	1	40	11	251	0	4	35	88	157	23	39	89	40	250	53	277	242	222
	Prec. 5	377	47	16	67	1	13	4	227	1	1	19	50	80	11	25	78	23	183	60	258	158	186
Totals.....		2,326	398	87	538	4	156	21	1,098	5	19	171	419	651	147	251	458	209	986	318	1,222	978	1,168
Ward 8	Prec. 1	477	26	15	70	0	22	2	341	0	1	44	42	111	14	29	44	13	252	92	331	229	230
	Prec. 2	417	84	13	132	0	29	10	146	1	2	31	78	152	10	43	65	19	200	27	160	243	223
	Prec. 3	464	28	13	102	0	11	5	301	1	3	37	57	120	15	32	63	20	251	54	319	220	204
	Prec. 4	450	48	14	111	0	24	5	242	2	4	55	54	138	39	44	63	42	195	38	254	204	224
	Prec. 5	376	17	22	56	0	15	2	261	1	2	9	33	91	9	24	54	35	171	64	269	176	193
Totals.....		2,184	203	77	471	0	101	24	1,291	5	12	176	264	612	87	172	289	129	1,069	275	1,333	1,072	1,074
Ward 9	Prec. 1	630	130	4	323	0	25	12	116	10	10	63	210	233	46	92	117	35	221	36	133	302	402
	Prec. 2	609	147	4	328	1	24	0	101	1	3	69	175	257	60	95	99	34	215	14	88	311	410
	Prec. 3	498	98	3	215	1	31	0	140	1	9	29	138	258	25	52	80	31	193	25	149	221	293
	Prec. 4	512	119	21	220	1	14	5	125	0	7	57	105	239	18	63	66	23	185	23	158	245	354
	Prec. 5	700	196	6	304	1	49	15	119	2	8	125	154	386	25	107	113	36	162	24	117	271	580
Totals.....		2,949	690	38	1,390	4	143	32	601	14	37	343	782	1,373	174	409	475	159	976	122	645	1,350	2,039
Ward 10	Prec. 1	572	298	6	147	1	56	9	46	0	9	56	367	151	35	70	194	19	149	21	95	214	345
	Prec. 2	529	188	10	159	0	85	6	73	0	8	41	264	104	33	100	151	29	137	27	124	200	377
	Prec. 3	507	156	22	155	2	49	8	97	9	9	65	200	122	35	74	105	40	144	46	143	209	338
	Prec. 4	651	200	4	250	1	92	10	86	5	3	95	270	153	38	143	117	24	169	43	169	281	451
	Prec. 5	558	139	3	243	2	42	11	107	5	6	86	169	175	55	124	100	47	165	35	139	231	348
Totals.....		2,817	981	45	954	6	324	44	409	19	35	343	1,270	705	196	511	667	159	764	172	670	1,135	1,859
Ward 11	Prec. 1	710	486	0	130	0	31	7	47	0	9	100	460	105	30	122	170	13	115	40	133	234	608
	Prec. 2	625	350	4	168	0	42	4	55	0	2	73	435	127	22	96	170	16	114	35	81	216	490
	Prec. 3	675	405	5	144	0	47	12	51	0	11	82	488	95	33	75	146	19	115	28	93	236	615
	Prec. 4	649	440	2	108	0	34	8	49	1	7	73	418	94	39	108	149	18	98	28	112	223	587
	Prec. 5	663	362	2	211	1	41	6	31	0	9	51	377	184	33	108	167	35	152	20	82	221	559
Totals.....		3,322	2,043	13	761	1	195	37	233	1	38	379	2,178	605	157	509	802	101	594	151	501	1,130	2,859
Grand Totals....		32,089	7,673	491	12,918	45	1,839	496	8,126	108	393	3,795	7,993	8,346	3,833	6,747	5,474	3,064	10,565	2,222	9,117	12,906	22,205

CITY PRIMARY, OCTOBER 17, 1939

CANDI- DATES FOR		COUNCILLORS AT LARGE																		
Names of Candidates	Whole Number of Ballots Cast	Crowley	Souza	Davis	Robbio	Cooke	Gearin	Leonard	Shea	Hutchins	Hogan	Smith	Larkin	Williams	Toomey	Holmes	Reel	Gallivan	Dee	Riley
Ward 1																				
Precinct 1.....	786	92	128	8	26	21	8	11	29	11	321	67	8	20	210	10	92	15	48	102
Precinct 2.....	905	158	61	13	29	10	6	9	55	5	349	99	16	14	299	7	71	14	37	85
Precinct 3.....	813	94	69	10	7	5	9	6	38	3	390	109	5	25	228	3	62	12	36	135
Precinct 4.....	850	68	120	11	21	16	16	17	39	5	191	34	12	31	334	7	109	11	16	206
Precinct 5.....	709	64	99	5	23	15	12	24	34	6	204	29	11	43	327	7	55	16	32	283
Totals.....	4,063	476	477	47	106	67	51	67	195	30	1,455	338	52	133	1,398	34	389	68	169	811
Ward 2																				
Precinct 1.....	559	35	44	18	7	22	46	35	63	16	261	15	17	25	223	19	50	15	46	79
Precinct 2.....	738	31	123	12	9	16	29	48	48	9	244	26	20	35	294	24	31	12	46	213
Precinct 3.....	545	36	43	15	17	23	27	25	45	10	219	17	13	31	236	17	56	12	33	121
Precinct 4.....	550	35	36	21	15	13	30	17	42	11	233	8	10	69	179	12	82	24	29	90
Precinct 5.....	514	44	30	49	9	33	49	19	90	25	142	20	35	34	156	30	49	27	39	55
Totals.....	2,906	181	276	115	57	107	181	144	288	71	1,099	86	95	194	1,088	102	268	90	193	558
Ward 3																				
Precinct 1.....	658	52	84	7	12	14	12	22	37	10	153	21	14	97	256	11	64	6	34	320
Precinct 2.....	735	66	59	14	7	11	14	14	81	5	349	16	20	70	297	9	58	21	61	199
Precinct 3.....	502	40	41	19	4	19	21	10	28	6	226	6	7	32	207	15	53	9	41	95
Precinct 4.....	477	49	33	16	3	5	25	12	56	16	185	10	14	26	185	16	43	10	54	72
Precinct 5.....	597	38	21	10	6	12	15	9	61	12	226	17	16	18	215	17	61	7	76	67
Totals.....	2,969	245	238	66	32	61	87	67	263	49	1,139	70	71	243	1,160	68	279	53	266	753
Ward 4																				
Precinct 1.....	536	35	16	45	16	21	48	6	114	39	144	14	23	26	136	54	128	20	37	39
Precinct 2.....	560	33	19	32	5	41	40	15	119	28	152	21	32	25	149	39	109	20	70	27
Precinct 3.....	473	26	10	46	5	26	37	17	55	38	96	18	23	30	113	34	84	13	35	27
Precinct 4.....	459	23	18	39	1	34	16	5	83	29	119	13	16	17	99	34	130	9	70	22
Precinct 5.....	522	32	9	38	5	33	15	4	93	21	139	12	20	25	134	35	151	12	83	24
Totals.....	2,550	149	72	200	32	155	156	47	464	155	650	78	114	123	631	196	602	74	295	139
Ward 5																				
Precinct 1.....	638	33	24	75	14	26	43	19	75	32	226	11	34	31	199	25	160	16	43	53
Precinct 2.....	549	38	10	54	8	36	23	14	87	46	117	22	20	27	146	25	148	18	41	18
Precinct 3.....	591	49	16	94	9	38	43	19	76	34	184	26	29	23	168	23	133	16	48	55
Precinct 4.....	663	44	28	165	11	46	40	14	75	54	220	17	29	38	213	25	121	18	56	43
Precinct 5.....	598	45	23	74	22	30	30	15	125	81	186	17	22	21	164	32	112	24	37	66
Totals.....	3,093	200	101	463	64	172	170	61	466	247	666	66	164	146	600	190	674	60	267	267

Ward 6	Precinct 1.....	572	56	18	19	21	16	11	9	95	9	216	11	18	35	174	27	91	17	134	63
	Precinct 2.....	519	55	15	40	9	24	9	15	79	22	122	14	23	45	114	39	145	10	113	48
	Precinct 3.....	485	30	16	29	5	28	11	6	114	16	77	15	18	43	71	29	204	23	133	16
	Precinct 4.....	708	41	12	42	6	14	21	6	377	30	242	9	31	16	183	9	134	35	141	60
	Precinct 5.....	680	34	13	15	13	15	21	10	229	38	265	15	26	15	117	39	185	26	46	59
	Totals.....	2,964	216	74	157	54	97	73	46	894	115	922	64	116	154	659	143	759	111	567	246
Ward 7	Precinct 1.....	405	17	5	27	2	12	7	5	45	20	84	13	38	10	83	42	103	18	138	10
	Precinct 2.....	601	36	15	28	3	58	6	34	94	23	146	14	62	23	146	35	116	26	246	36
	Precinct 3.....	438	20	6	51	3	44	5	16	43	30	86	27	32	44	80	59	135	6	83	9
	Precinct 4.....	505	27	10	27	4	29	11	8	54	20	124	20	15	33	93	62	210	11	142	21
	Precinct 5.....	377	17	2	30	2	29	3	6	37	25	54	12	12	21	72	38	192	6	69	11
	Totals.....	2,326	117	38	163	14	172	32	69	273	118	494	86	159	131	474	236	756	67	648	87
Ward 8	Precinct 1.....	477	26	5	25	2	26	4	8	32	16	93	13	15	19	58	54	257	7	44	16
	Precinct 2.....	417	26	2	8	3	42	8	7	50	10	188	9	18	10	112	35	111	12	80	19
	Precinct 3.....	464	17	4	26	12	33	2	5	43	14	72	11	7	13	47	44	223	13	55	17
	Precinct 4.....	450	14	21	33	4	28	4	5	85	28	99	15	22	25	78	50	156	12	77	20
	Precinct 5.....	376	16	3	30	4	36	2	8	24	24	49	17	13	32	44	47	180	2	62	4
	Totals.....	2,184	99	35	122	25	165	20	33	234	92	501	65	75	99	339	230	927	46	318	76
Ward 9	Precinct 1.....	630	48	24	12	17	39	6	7	114	5	361	15	16	13	230	65	70	19	130	41
	Precinct 2.....	609	42	17	12	14	95	13	6	85	8	345	9	19	16	200	48	45	16	107	41
	Precinct 3.....	498	28	9	16	6	50	4	2	76	10	262	6	6	8	161	26	101	6	113	18
	Precinct 4.....	512	31	11	23	31	35	15	9	65	11	261	6	14	13	152	33	98	6	76	22
	Precinct 5.....	700	53	10	14	70	30	15	7	76	6	489	4	16	8	174	13	103	15	78	21
	Totals.....	2,949	202	71	77	138	249	53	31	416	40	1,718	40	71	58	917	185	417	62	504	143
Ward 10	Precinct 1.....	572	44	18	20	5	12	19	12	91	9	218	10	28	22	200	9	39	111	103	35
	Precinct 2.....	529	34	19	25	7	25	9	12	63	12	165	15	20	27	137	14	49	76	76	39
	Precinct 3.....	507	35	21	25	19	44	12	11	75	16	133	10	30	25	130	60	99	40	75	25
	Precinct 4.....	651	64	22	17	41	42	12	13	136	9	241	27	12	19	158	31	110	36	87	25
	Precinct 5.....	558	51	22	23	38	57	9	7	98	14	229	12	12	18	166	54	82	32	90	38
	Totals.....	2,817	228	102	110	110	180	61	55	463	60	986	74	102	111	791	168	379	295	431	162
Ward 11	Precinct 1.....	710	93	54	18	28	28	20	12	120	10	216	13	18	22	198	23	65	190	69	50
	Precinct 2.....	625	60	32	16	7	10	9	18	154	7	223	9	24	9	208	9	51	106	77	34
	Precinct 3.....	675	107	34	12	31	24	20	12	130	14	223	15	12	13	148	14	85	148	60	42
	Precinct 4.....	649	78	39	12	20	21	22	9	136	7	221	6	20	14	128	11	73	202	69	27
	Precinct 5.....	663	57	20	19	11	23	15	12	113	8	290	6	21	36	236	15	44	129	94	48
	Totals.....	3,322	395	179	77	97	106	86	63	653	46	1,173	49	95	94	918	72	318	775	369	201
Grand Totals..		32,089	2,517	1,663	1,596	729	1,535	979	703	4,581	1,023	11,070	1,043	1,084	1,480	9,265	1,564	5,768	1,733	3,985	3,411

CITY PRIMARY, OCTOBER 17, 1939

CITY OF CAMBRIDGE

COUNCILLORS AT LARGE																						
CANDI- DATES FOR	Names of Candidates	Whole Number of Ballots Cast	Deluise	McCann	Hamill	Pill	Nikas	Reagan	Gordon	Duffy	Corcoran	Lagsdin	Twomey	Anderson	DeLuca	Malaney	Stewart	Pladziewicz	Reagan, Jr., J. J.	Bobick	Roach	Blanks
Ward 1	Precinct 1...	786	54	11	10	133	6	18	16	130	7	3	33	9	85	7	103	109	23	11	223	926
	Precinct 2...	905	106	7	6	135	5	15	25	121	6	1	33	1	138	6	35	203	14	18	263	1,145
	Precinct 3...	813	53	1	4	151	3	16	17	182	8	2	44	5	64	8	65	158	10	15	260	940
	Precinct 4...	850	162	14	4	194	4	14	13	75	8	6	32	4	112	11	27	149	22	26	251	1,008
	Precinct 5...	709	57	6	5	197	5	15	6	49	6	7	47	6	37	16	12	48	9	26	247	746
Totals.....		4,063	432	39	29	810	23	78	77	557	35	19	189	25	436	48	242	667	78	96	1,244	4,765
Ward 2	Precinct 1...	559	6	15	11	218	10	30	19	35	28	4	35	18	12	4	18	20	19	16	245	437
	Precinct 2...	738	38	7	5	265	28	18	7	36	21	15	44	20	21	18	11	22	21	46	350	689
	Precinct 3...	545	16	9	6	227	36	15	6	25	7	7	37	17	17	6	26	43	8	26	233	417
	Precinct 4...	550	23	13	9	233	49	22	9	27	15	6	15	15	12	8	20	20	26	12	238	472
	Precinct 5...	514	3	11	18	229	26	33	17	23	22	6	34	27	12	9	22	15	17	16	190	391
Totals.....		2,906	86	55	49	1,172	149	118	58	146	93	38	165	97	74	45	97	120	91	116	1,256	2,406
Ward 3	Precinct 1...	658	32	5	5	179	7	17	12	28	2	1	40	6	10	61	21	36	10	54	218	662
	Precinct 2...	735	18	9	18	233	5	22	85	49	7	5	35	16	13	45	15	18	33	21	301	621
	Precinct 3...	502	10	9	12	209	5	29	29	35	15	5	38	23	14	12	5	8	28	11	234	398
	Precinct 4...	477	13	6	12	174	5	21	31	31	14	0	29	14	9	14	7	17	32	6	229	414
	Precinct 5...	597	10	12	10	227	3	11	80	32	14	8	29	19	4	4	9	12	19	5	293	683
Totals.....		2,969	83	41	57	1,022	25	100	237	175	52	19	171	78	50	136	57	91	122	97	1,275	2,778
Ward 4	Precinct 1...	536	12	11	9	277	14	24	22	22	20	4	34	31	14	9	22	11	18	14	218	397
	Precinct 2...	560	6	15	15	247	9	25	33	24	19	5	20	53	4	4	17	9	30	11	170	548
	Precinct 3...	473	6	9	17	239	6	33	18	19	18	5	23	47	9	3	29	7	71	3	151	446
	Precinct 4...	459	2	15	19	196	4	10	33	13	16	13	19	63	5	2	23	11	19	7	157	432
	Precinct 5...	522	2	20	15	194	4	25	45	34	12	11	24	60	9	5	12	11	21	5	187	507
Totals.....		2,550	28	70	75	1,153	37	117	151	112	85	38	120	254	41	23	103	49	159	40	883	2,330
Ward 5	Precinct 1...	638	8	23	24	290	12	30	13	34	17	3	40	40	25	10	28	18	18	12	232	536
	Precinct 2...	549	4	18	15	300	8	21	26	19	23	6	37	84	7	6	16	7	22	8	163	508
	Precinct 3...	591	8	13	11	240	8	17	19	26	15	11	37	37	28	7	16	9	23	6	218	532
	Precinct 4...	663	7	11	20	260	16	19	12	42	26	13	38	40	16	9	20	24	20	8	246	548
	Precinct 5...	598	7	17	12	277	25	18	16	25	25	3	36	43	27	4	25	12	14	12	235	433
Totals.....		3,039	34	82	82	1,367	69	105	86	146	106	36	188	244	103	36	105	70	97	46	1,094	2,557

Ward 6	572	6	7	9	189	1	25	65	42	14	2	38	27	4	7	3	7	26	8	233	535
Precinct 1...	519	8	35	8	173	2	18	52	40	11	12	25	53	14	4	25	18	30	5	125	477
Precinct 2...	485	7	30	3	135	4	17	38	34	16	15	21	67	4	1	27	7	21	7	119	483
Precinct 3...	708	2	6	12	228	1	25	11	35	18	3	48	37	15	3	10	6	54	7	306	596
Precinct 4...	680	13	7	7	304	13	23	15	25	19	5	32	41	27	3	19	8	18	10	313	625
Totals.....	2,964	36	85	39	1,029	21	108	181	176	78	37	164	225	64	18	84	46	149	37	1,096	2,716
Ward 7.....	405	3	24	5	108	4	17	45	22	37	5	66	51	2	2	23	10	29	6	94	388
Precinct 1...	601	1	34	10	183	2	30	38	25	19	12	154	60	3	8	13	4	10	4	172	475
Precinct 2...	438	1	38	15	107	1	15	58	34	46	25	29	83	4	2	35	1	27	3	74	375
Precinct 3...	505	1	66	5	125	2	15	34	41	45	31	34	76	3	2	23	2	45	2	116	461
Precinct 4...	377	3	45	4	89	0	13	27	16	29	18	26	65	3	1	28	4	13	3	61	422
Totals.....	2,326	9	207	39	612	9	90	202	138	176	91	309	335	15	15	122	21	124	18	517	2,121
Ward 8	477	0	55	7	81	3	26	33	29	9	21	13	70	6	1	10	5	103	1	51	664
Precinct 1...	417	1	20	1	62	0	22	31	25	25	20	22	50	6	2	16	3	58	3	106	445
Precinct 2...	464	4	63	6	106	1	27	24	45	18	17	12	86	8	1	15	1	82	2	78	602
Precinct 3...	450	5	34	8	98	4	16	25	23	14	12	37	64	4	2	15	2	44	1	81	535
Precinct 4...	376	2	42	2	88	2	14	39	28	18	19	19	74	5	3	25	5	8	3	44	467
Totals.....	2,184	12	214	24	435	10	105	152	150	84	89	103	344	29	9	81	16	295	10	360	2,713
Ward 9	630	10	29	4	149	2	41	18	36	30	9	37	33	14	7	8	13	84	9	252	503
Precinct 1...	609	10	22	8	131	0	29	21	48	23	14	41	54	10	6	3	8	51	6	243	570
Precinct 2...	498	4	24	5	100	3	23	39	31	27	4	26	56	7	2	11	4	57	4	147	510
Precinct 3...	512	2	22	3	109	1	29	30	25	19	14	32	62	9	3	18	6	31	4	216	501
Precinct 4...	700	15	10	4	141	3	17	25	28	20	7	33	62	33	6	12	8	51	9	281	833
Totals.....	2,949	41	107	24	630	9	139	133	168	119	48	169	267	73	24	52	39	274	32	1,139	2,917
Ward 10	572	7	39	9	126	3	33	43	43	41	12	43	29	7	9	6	9	49	7	202	566
Precinct 1...	529	8	25	4	140	0	28	29	33	87	16	63	40	6	3	14	2	45	5	189	555
Precinct 2...	507	7	40	4	141	3	19	26	22	104	44	47	43	11	3	20	4	25	4	159	417
Precinct 3...	651	5	93	9	169	2	43	25	33	96	8	46	21	22	5	6	18	66	4	258	573
Precinct 4...	558	4	55	5	165	4	26	24	34	38	21	39	42	11	5	13	18	44	2	226	404
Totals.....	2,817	31	252	31	741	12	149	147	165	366	101	238	175	57	25	59	51	229	22	1,034	2,515
Ward 11	710	19	60	3	174	6	36	22	39	20	15	58	13	33	17	6	19	42	5	283	723
Precinct 1...	625	10	59	2	130	2	41	23	44	41	10	54	15	4	8	8	5	43	6	263	669
Precinct 2...	675	21	74	6	152	6	26	18	64	19	19	36	26	37	6	11	5	38	8	233	751
Precinct 3...	649	13	59	8	178	2	26	20	36	20	8	48	5	19	10	4	6	28	3	264	724
Precinct 4...	663	27	24	7	139	5	48	19	57	21	7	41	15	10	3	7	17	47	7	259	695
Totals.....	3,322	90	276	26	773	21	177	102	240	121	59	237	74	103	44	36	52	198	29	1,302	3,562
Grand Totals...	32,089	882	1,428	475	9,744	385	1,286	1,526	2,173	1,315	575	2,053	2,118	1,045	423	1,038	1,222	1,816	543	11,200	31,380

CITY PRIMARY, OCTOBER 17, 1939

CANDIDATES FOR	COUNCILLOR WARD FIVE (As Corrected by Recount)										COUNCILLOR WARD SIX							COUNCILLOR WARD SEVEN						
Names of Candidates	Whole Number of Ballots Cast	Thorp	Gurry	Plunkett	Donlon	McGoldrick	Lindstrom	Banks	Blanks	DePalma	Dotin	Flanagan	Funicella	McAuliffe	Williams	Sullivan	La Sala	Blanks	Cunningham	Parker	Dexter	Maguire	DeVoe	Blanks
	638	186	29	90	18	121	46	127	21			198	1	46	61	207	1							
	549	151	30	73	17	39	136	77	26			181	6	46	64	133	7							
	591	65	164	52	9	14	91	178	18			117	3	26	101	165	3							
	664	115	112	46	8	37	72	255	19			214	0	6	92	379	2							
	598	82	59	41	75	33	202	89	17			294	26	8	30	190	21							
Totals.....	3,040	599	394	302	127	244	547	726	101															
Ward 6	Precinct 1.....	572																						
Precinct 2.....	519																							
Precinct 3.....	485																							
Precinct 4.....	708																							
Precinct 5.....	680																							
Totals.....	2,964																							
Ward 7	Precinct 1.....	405																						
Precinct 2.....	601																							
Precinct 3.....	438																							
Precinct 4.....	505																							
Precinct 5.....	377																							
Totals.....	2,326																							

CANDIDATES FOR		MAYOR			ASSESSORS					SCHOOL COMMITTEE							
Names of Candidates	Whole Number of Ballots Cast	Lyons	Russell	Blanks	Crowley	Delano	Fallon	Haverty	Blanks	Carr, Jr.	Cassidy	Conant	Galgay	McCrehan	Reardon	Blanks	
Ward 1	Precinct 1	872	685	182	5	454	218	249	362	461	300	363	202	230	360	436	725
	Precinct 2	1,000	698	294	8	506	271	274	448	501	330	393	231	288	329	525	904
	Precinct 3	909	695	199	15	471	182	289	447	429	316	353	235	259	375	473	716
	Precinct 4	951	656	279	16	413	288	295	443	463	338	469	216	326	231	496	777
	Precinct 5	872	611	258	3	362	238	338	456	350	376	446	195	288	221	455	635
Totals		4,604	3,345	1,212	47	2,206	1,197	1,445	2,156	2,204	1,660	2,024	1,079	1,391	1,516	2,385	3,757
Ward 2	Precinct 1	725	491	224	10	320	128	371	431	200	267	394	232	399	184	378	321
	Precinct 2	891	640	238	13	390	148	400	502	342	263	436	272	400	237	461	604
	Precinct 3	705	448	249	8	307	150	324	398	231	249	390	256	296	202	326	396
	Precinct 3	769	474	291	4	415	153	324	364	282	289	389	265	303	232	353	476
	Precinct 5	760	464	292	4	317	163	366	422	252	286	378	313	319	217	328	439
Totals		3,850	2,517	1,294	39	1,749	742	1,785	2,117	1,307	1,354	1,987	1,338	1,717	1,072	1,846	2,236
Ward 3	Precinct 1	789	568	214	7	375	194	278	404	327	269	423	220	301	216	447	491
	Precinct 2	926	754	165	7	418	134	381	558	361	275	470	230	399	246	582	576
	Precinct 3	699	483	209	7	298	88	352	459	201	262	350	214	388	136	377	370
	Precinct 4	606	444	153	9	254	90	292	381	195	162	272	162	253	158	397	414
	Precinct 5	764	546	211	7	263	88	404	516	257	275	331	234	332	192	345	583
Totals		3,784	2,795	952	37	1,608	594	1,707	2,318	1,341	1,243	1,846	1,060	1,673	948	2,148	2,434
Ward 4	Precinct 1	762	429	327	6	308	146	368	428	274	330	414	333	372	160	281	396
	Precinct 2	750	370	373	7	250	91	427	465	267	336	389	387	400	146	184	408
	Precinct 3	707	357	347	3	281	140	359	416	218	305	340	349	383	129	223	392
	Precinct 4	698	314	374	10	198	123	383	418	274	298	385	412	361	116	156	366
	Precinct 5	723	340	377	6	216	118	430	469	213	339	370	406	383	138	196	337
Totals		3,640	1,810	1,798	32	1,253	618	1,967	2,196	1,246	1,608	1,898	1,887	1,899	689	1,040	1,899
Ward 5	Precinct 1	803	474	318	11	293	135	500	456	222	460	392	310	434	136	293	384
	Precinct 2	689	328	354	7	204	115	431	422	206	292	373	389	377	110	184	342
	Precinct 3	693	383	302	8	260	83	432	404	207	478	293	279	344	131	176	378
	Precinct 4	774	414	353	7	259	113	509	418	249	489	336	282	377	151	220	467
	Precinct 5	735	427	298	10	288	146	449	409	178	352	380	337	350	175	268	343
Totals		3,694	2,026	1,625	43	1,304	592	2,321	2,109	1,062	2,071	1,774	1,597	1,882	703	1,141	1,914

CITY ELECTION, NOVEMBER 7, 1939

CANDIDATES FOR		MAYOR		ASSESSORS					SCHOOL COMMITTEE							
Names of Candidates	Whole Number of Ballots Cast	Lyons	Russell	Blanks	Crowley	Delano	Fallon	Haverly	Blanks	Carr, Jr.	Cassidy	Conant	Galgay	McCrehan	Reardon	Blanks
Ward 6	Precinct 1.....	729	506	213	324	78	359	452	245	239	351	255	280	180	383	499
	Precinct 2.....	709	345	361	243	104	392	422	257	317	372	378	309	158	208	385
	Precinct 3.....	685	264	411	196	107	404	443	220	294	362	442	355	136	131	335
	Precinct 4.....	809	494	294	335	96	434	525	228	435	417	314	371	234	268	388
	Precinct 5.....	883	499	370	411	184	413	442	316	347	486	392	387	184	342	511
Totals.....	3,815	2,108	1,649	1,509	569	2,002	2,284	1,266	1,632	1,988	1,781	1,702	892	1,332	2,118	
Ward 7	Precinct 1.....	653	250	395	169	88	415	470	164	310	318	387	295	184	167	298
	Precinct 2.....	752	388	354	250	113	432	499	210	327	361	378	316	224	289	361
	Precinct 3.....	638	167	460	150	99	405	450	172	286	353	455	326	118	102	274
	Precinct 4.....	636	222	395	185	59	405	457	166	264	373	406	343	131	104	287
	Precinct 5.....	552	145	400	131	69	360	397	147	226	325	412	304	105	69	215
Totals.....	3,231	1,172	2,004	885	428	2,017	2,273	859	1,413	1,730	2,038	1,584	762	731	1,435	
Ward 8	Precinct 1.....	642	150	487	156	64	447	473	144	268	401	483	361	87	105	221
	Precinct 2.....	582	282	289	263	46	306	353	196	277	366	264	313	146	109	271
	Precinct 3.....	637	198	433	146	77	424	428	199	231	413	458	381	101	101	226
	Precinct 4.....	652	239	406	183	84	387	424	226	309	371	414	327	115	134	286
	Precinct 5.....	651	121	525	146	100	424	433	199	291	368	511	362	71	86	264
Totals.....	3,164	990	2,140	894	371	1,988	2,111	964	1,376	1,919	2,130	1,744	520	535	1,268	
Ward 9	Precinct 1.....	748	484	249	367	72	401	468	188	392	437	234	288	303	212	378
	Precinct 2.....	741	508	221	429	60	322	440	231	413	435	194	284	249	205	443
	Precinct 3.....	624	354	258	255	65	337	424	167	362	328	244	274	184	112	368
	Precinct 4.....	637	374	254	253	69	353	403	196	355	335	254	272	183	146	366
	Precinct 5.....	831	566	252	360	102	436	510	254	537	395	242	236	254	256	573
Totals.....	3,581	2,286	1,234	1,664	368	1,849	2,245	1,036	2,059	1,930	1,168	1,354	1,173	931	2,128	

Ward 10	Precinct 1	678	380	281	17	229	55	396	502	174	283	322	199	216	450	154	410
	Precinct 2	656	364	277	15	257	68	370	453	164	257	312	251	244	325	204	375
	Precinct 3	671	353	305	13	275	106	346	404	211	277	336	284	258	293	171	394
	Precinct 4	783	480	294	9	397	99	341	484	245	334	406	280	285	360	260	424
	Precinct 5	771	455	310	6	399	114	362	469	198	405	431	280	301	281	257	358
	Totals	3,559	2,032	1,467	60	1,557	442	1,815	2,312	992	1,556	1,807	1,294	1,304	1,709	1,046	1,961
Ward 11	Precinct 1	798	425	352	21	352	108	396	515	225	256	350	212	188	522	247	619
	Precinct 2	778	466	304	8	345	88	392	531	200	294	324	166	188	548	211	603
	Precinct 3	757	451	302	4	333	116	339	458	268	228	334	181	141	559	193	635
	Precinct 4	776	438	319	19	342	115	334	479	282	214	330	195	186	513	227	663
	Precinct 5	759	501	243	15	329	80	369	490	250	306	316	151	196	433	246	629
	Totals	3,868	2,281	1,520	67	1,701	507	1,830	2,473	1,225	1,298	1,654	905	899	2,575	1,124	3,149
	Grand Totals	40,790	23,362	16,895	533	16,330	6,428	20,726	24,594	13,502	17,270	20,557	16,277	17,149	12,559	14,259	24,299

CITY ELECTION, NOVEMBER 7, 1939

CANDIDATES FOR	COUNCILLORS AT LARGE											COUNCILLOR WARD ONE		COUNCIL. WARD TWO		COUNCIL. WARD THREE		COUNCILLOR WARD FOUR		COUNCILLOR WARD FIVE (As Corrected by Recount)					
	Whole Number of Ballots Cast	Dee	Hogan	Pill	Reel	Riley	Roche	Shea	Toomey	Blanks	Finn	Harney	Blanks	McNamara	O'Toole	Blanks	Murphy	Sennott	Blanks	Crane	Svenson	Blanks	Banks	Thorp	Blanks
Ward 1																									
Precinct 1...	872	151	494	308	223	243	390	148	469	1,062	518	302	52												
Precinct 2...	1,000	144	575	329	252	259	470	172	594	1,205	536	421	43												
Precinct 3...	909	126	556	299	204	295	420	189	523	1,024	529	333	47												
Precinct 4...	951	107	353	372	328	373	406	135	574	1,156	586	317	48												
Precinct 5...	872	102	341	385	155	450	385	145	565	960	519	288	65												
Totals.....	4,604	630	2,319	1,693	1,162	1,620	2,071	789	2,725	5,407	2,688	1,661	255												
Ward 2																									
Precinct 1...	725	163	427	383	194	212	383	153	453	532				433	239	53									
Precinct 2...	891	156	417	433	159	363	459	147	545	885				668	156	67									
Precinct 3...	705	130	401	406	200	242	370	118	426	527				516	149	40									
Precinct 4...	769	142	366	452	216	242	400	165	406	687				555	168	46									
Precinct 5...	760	195	340	476	234	189	361	241	405	599				540	148	72									
Totals.....	3,850	786	1,951	2,150	1,003	1,248	1,973	824	2,235	3,230				2,712	860	278									
Ward 3																									
Precinct 1...	789	124	279	346	201	510	309	112	458	817							301	428	60						
Precinct 2...	926	213	501	404	166	336	458	249	535	842							218	650	58						
Precinct 3...	699	196	388	373	163	209	368	144	404	551							78	589	32						
Precinct 4...	606	174	264	282	138	157	319	154	314	622							120	443	43						
Precinct 5...	764	209	364	357	180	159	394	150	353	890							118	567	79						
Totals.....	3,784	916	1,796	1,762	848	1,371	1,848	809	2,064	3,722							835	2,677	272						
Ward 4																									
Precinct 1...	762	199	350	483	291	168	394	275	324	564										434	275	53			
Precinct 2...	750	265	276	405	287	153	326	230	282	776										474	254	22			
Precinct 3...	707	243	268	456	290	156	304	195	286	630										395	278	34			
Precinct 4...	698	300	271	349	304	175	307	197	220	669										455	217	26			
Precinct 5...	723	289	292	360	324	169	347	198	265	648										482	211	30			
Totals.....	3,640	1,296	1,457	2,053	1,496	821	1,678	1,093	1,377	3,287										2,240	1,235	165			
Ward 5																									
Precinct 1...	803	194	401	454	291	186	405	217	416	648													372	404	27
Precinct 2...	689	209	247	466	307	130	283	219	302	593													281	381	27
Precinct 3...	693	193	337	371	252	169	326	187	347	590													421	263	9
Precinct 4...	774	234	365	432	253	149	345	197	407	714													485	270	19
Precinct 5...	735	195	360	438	291	173	390	241	340	512													341	374	20
Totals.....	3,694	1,025	1,710	2,161	1,394	807	1,749	1,061	1,812	3,057													1,900	1,692	102

Ward 6	Precinct 1...	729	297	355	288	174	174	368	225	328	707
	Precinct 2...	709	338	240	338	292	232	271	157	235	733
	Precinct 3...	685	435	197	238	382	247	336	197	158	550
	Precinct 4...	809	270	375	341	228	148	414	534	287	639
	Precinct 5...	883	182	412	502	336	166	451	406	328	749
	Totals.....	3,815	1,522	1,579	1,707	1,412	967	1,840	1,519	1,336	3,378
Ward 7	Precinct 1...	653	448	212	240	311	206	283	156	168	588
	Precinct 2...	752	490	273	336	294	207	339	205	258	606
	Precinct 3...	638	390	195	224	355	245	258	112	172	601
	Precinct 4...	636	368	239	217	362	254	280	113	177	534
	Precinct 5...	552	329	124	163	365	229	234	98	145	521
Totals.....	3,231	2,025	1,043	1,180	1,687	1,141	1,394	684	920	2,850	
Ward 8	Precinct 1...	642	392	190	151	415	342	316	98	134	530
	Precinct 2...	582	252	318	150	242	195	256	158	219	538
	Precinct 3...	637	338	174	194	403	305	307	125	137	565
	Precinct 4...	652	394	198	211	340	246	284	197	182	556
	Precinct 5...	651	431	157	184	442	269	291	122	144	564
Totals.....	3,164	1,807	1,037	890	1,842	1,357	1,454	700	816	2,753	
Ward 9	Precinct 1...	748	310	513	282	180	152	339	274	385	557
	Precinct 2...	741	251	498	271	163	150	340	249	363	679
	Precinct 3...	624	284	364	187	231	148	269	185	272	556
	Precinct 4...	637	263	373	205	228	139	308	136	260	636
	Precinct 5...	831	204	649	270	251	116	369	204	357	904
Totals.....	3,581	1,312	2,397	1,215	1,053	705	1,625	1,048	1,637	3,332	
Ward 10	Precinct 1...	678	301	353	235	157	130	325	258	372	581
	Precinct 2...	656	275	340	273	199	167	338	185	297	550
	Precinct 3...	671	267	362	292	248	157	323	197	289	549
	Precinct 4...	783	264	479	306	261	128	405	268	351	670
	Precinct 5...	771	294	449	371	266	153	391	267	363	530
Totals.....	3,559	1,401	1,983	1,477	1,131	735	1,782	1,175	1,672	2,880	
Ward 11	Precinct 1...	798	231	411	285	205	167	440	311	352	790
	Precinct 2...	778	225	409	250	181	148	393	353	358	795
	Precinct 3...	757	188	387	257	289	140	330	286	302	849
	Precinct 4...	776	188	404	263	269	131	386	278	300	885
	Precinct 5...	759	234	427	234	155	170	355	258	411	792
Totals.....	3,868	1,066	2,038	1,289	1,099	756	1,904	1,486	1,723	4,111	
Grand Totals.....		40,790	13,786	19,310	17,577	14,127	11,528	19,318	11,190	18,317	38,007

CITY ELECTION, NOVEMBER 7, 1939

CANDIDATES FOR	COUNCILLOR WARD SIX (As Corrected by Recount)					COUNCILLOR WARD SEVEN			COUNCILLOR WARD EIGHT			COUNCILLOR WARD NINE (As Corrected by Recount)					COUNCILLOR WARD TEN			COUNCILLOR WARD ELEVEN			HOUSING	
	Names of Candidates	Whole Number of Ballots Cast	Planagan	Sullivan	Blanks	Maguire	Parker	Blanks	McLaughlin	Winslow	Blanks	Craig	Donovan	Blanks	Tierney	White	Blanks	Kelley	Madigan	Blanks	Yes	No	Blanks	
Ward 1	Prec. 1.	872																			367	170	335	
	Prec. 2.	1,000																			426	194	380	
	Prec. 3.	909																			423	168	318	
	Prec. 4.	951																			440	176	335	
	Prec. 5.	872																			419	181	272	
Totals.....		4,604																			2,075	889	1,640	
Ward 2	Prec. 1.	725																			310	202	213	
	Prec. 2.	891																			376	221	294	
	Prec. 3.	705																			385	158	162	
	Prec. 4.	769																			494	131	144	
	Prec. 5.	760																			398	196	166	
Totals.....		3,850																			1,963	908	979	
Ward 3	Prec. 1.	789																			361	180	248	
	Prec. 2.	926																			347	289	290	
	Prec. 3.	699																			301	205	193	
	Prec. 4.	606																			223	206	177	
	Prec. 5.	764																			276	271	217	
Totals.....		3,784																			1,508	1,151	1,125	
Ward 4	Prec. 1.	762																			395	192	175	
	Prec. 2.	750																			297	228	225	
	Prec. 3.	707																			278	245	184	
	Prec. 4.	723																			247	233	218	
	Prec. 5.	698																			285	257	181	
Totals.....		3,640																			1,502	1,155	983	
Ward 5	Prec. 1.	803																			342	232	229	
	Prec. 2.	689																			279	225	185	
	Prec. 3.	693																			246	224	223	
	Prec. 4.	774																			317	214	243	
	Prec. 5.	735																			342	205	188	
Totals.....		3,694																			1,526	1,100	1,068	

Ward 6	Prec. 1 .	729	298	389	42													282	227	220
	Prec. 2 .	709	363	273	73													450	267	166
	Prec. 3 .	686	275	344	67													317	197	171
	Prec. 4 .	809	254	547	8													408	183	218
	Prec. 5 .	883	486	370	27													298	220	191
Totals.....		3,816	1,676	1,923	217													1,755	1,094	966
Ward 7	Prec. 1 .	653																244	268	141
	Prec. 2 .	752																320	238	194
	Prec. 3 .	638																178	270	190
	Prec. 4 .	636																256	233	147
	Prec. 5 .	552																200	209	143
Totals.....		3,231																1,198	1,218	815
Ward 8	Prec. 1 .	642																250	235	157
	Prec. 2 .	582																208	209	165
	Prec. 3 .	637																268	194	175
	Prec. 4 .	652																299	179	174
	Prec. 5 .	651																268	249	134
Totals.....		3,164																1,293	1,066	805
Ward 9	Prec. 1 .	748																268	263	217
	Prec. 2 .	741																258	265	218
	Prec. 3 .	624																225	236	163
	Prec. 4 .	637																224	241	172
	Prec. 5 .	831																263	233	335
Totals.....		3,581																1,238	1,238	1,105
Ward 10	Prec. 1 .	678																262	226	190
	Prec. 2 .	656																249	212	195
	Prec. 3 .	671																280	198	193
	Prec. 4 .	783																324	205	254
	Prec. 5 .	771																300	257	214
Totals.....		3,559																1,415	1,098	1,046
Ward 11	Prec. 1 .	798																296	200	302
	Prec. 2 .	778																290	249	239
	Prec. 3 .	757																270	176	311
	Prec. 4 .	776																294	205	277
	Prec. 5 .	759																250	246	263
Totals.....		3,868																1,400	1,076	1,392
Grand Totals.....		40,791																16,873	11,993	11,924

REGISTERED VOTERS October 18, 1939		ENROLLMENT October 18, 1939	
<i>Precinct</i>		<i>Democrats</i>	<i>Republicans</i>
WARD ONE			
1	1,031	671	44
2	1,174	810	22
3	1,028	747	19
4	1,119	747	32
5	1,042	756	31
Totals.....	5,394	3,731	148
WARD TWO			
1	954	510	140
2	1,071	709	102
3	904	500	98
4	921	479	103
5	1,040	435	183
Totals.....	4,890	2,633	626
WARD THREE			
1	948	602	41
2	1,083	697	56
3	823	462	122
4	751	416	92
5	919	574	146
Totals.....	4,524	2,751	458
WARD FOUR			
1	980	386	228
2	1,010	340	286
3	914	283	342
4	889	288	275
5	963	342	260
Totals.....	4,756	1,639	1,291
WARD FIVE			
1	991	467	198
2	900	270	382
3	878	328	262
4	925	401	290
5	937	376	192
Totals.....	4,631	1,842	1,324
WARD SIX			
1	888	504	110
2	979	368	229
3	1,027	241	327
4	924	620	76
5	1,070	503	189
Totals.....	4,888	2,236	931

REGISTERED VOTERS

October 18, 1939

ENROLLMENT

October 18, 1939

*Precinct**Democrats**Republicans*

WARD SEVEN

1	917	263	277
2	1,000	424	229
3	945	175	334
4	865	281	336
5	838	160	348
Totals.....	4,565	1,303	1,524

WARD EIGHT

1	866	213	334
2	736	344	166
3	861	230	324
4	900	268	295
5	997	139	401
Totals.....	4,360	1,194	1,520

WARD NINE

1	925	577	103
2	894	636	78
3	759	433	140
4	798	412	197
5	1,004	678	75
Totals.....	4,380	2,736	593

WARD TEN

1	828	556	87
2	841	431	152
3	879	407	184
4	930	592	71
5	939	493	136
Totals.....	4,417	2,479	630

WARD ELEVEN

1	944	611	70
2	939	635	71
3	904	533	82
4	925	574	89
5	896	598	58
Totals.....	4,608	2,951	370
Grand Totals..	51,413	25,495	9,415



CITY OF CAMBRIDGE
MASSACHUSETTS

REPORT

OF THE

WATER BOARD

For the Year Ending December 31, 1939



PRINTED FOR THE DEPARTMENT
UNDER THE DIRECTION OF THE CITY CLERK

CAMBRIDGE WATER BOARD

December 31, 1939

Members of the Board

THOMAS H. O'HARA.....	Term expires 1943
DR. GEORGE F. McINNES.....	Term expires 1944
TIMOTHY F. McCARTHY.....	Term expires 1940
HENRY L. SKELLEY.....	Term expires 1941
JOHN J. FOLEY.....	Term expires 1942

General Superintendent of Water Works and Clerk of the Board

TIMOTHY W. GOOD

CAMBRIDGE WATER BOARD

Date of election and length of service of members, 1865-1939

CHESTER W. KINGSLEY.....	1865—1894
JOHN SARGENT.....	1865—1871
A. K. P. WELCH.....	1865—1871
ROBERT DOUGLASS.....	1865—1871
SAMUEL SLOCOMB.....	1865—1876
Z. L. RAYMOND.....	1871
HENRY L. EUSTIS.....	1871—1885
J. WARREN MERRILL.....	1871—1881
GEORGE P. CARTER.....	1871—1883
JOHN H. LEIGHTON.....	1876—1879
KNOWLTON S. CHAFFEE.....	1879—1889
JAMES M. W. HALL.....	1881—1899
LEANDER M. HANNUM.....	{ 1883—1884 1885—1893
JOHN F. O'BRIEN.....	1884—1895
GEORGE F. HOWARD.....	1889—1910
E. BURT PHILLIPS.....	1893—1896
FRANK A. ALLEN.....	1895—1899
STILLMAN F. KELLY.....	1894—1903
WELLINGTON FILLMORE.....	1896—1903
EDMUND H. STEVENS.....	1899—1907
WILLIAM B. DURANT.....	1899—1907
ANDREW J. RADY.....	1903—1914
JOHN F. O'BRIEN.....	1903—1923
ALVIN F. SORTWELL.....	1907—1910
JAMES J. SCULLY.....	1910—1928
AUGUSTUS W. DUDLEY.....	1907—1909
JOSEPH E. DOHERTY.....	1909—1929
BERNARD E. McDERMOTT.....	1910—1930
JOHN P. CONROY.....	1914—1925
MARTIN A. FEELEY.....	1925—1931
THOMAS E. KENNEDY.....	1926—1930
HENRY L. SKELLEY.....	1928 (Now in office)
DR. GEORGE F. McINNES.....	1929 (Now in office)
HOWARD M. TURNER.....	1930—1937
JAMES J. SCULLY.....	1930—1934
DANIEL CRONIN.....	1934—1935
THOMAS H. O'HARA.....	1935 (Now in office)
TIMOTHY F. McCARTHY.....	1935 (Now in office)
JOHN J. FOLEY.....	1937 (Now in office)

Presidents of the Board

J. WARREN MERRILL.....	1865—1867
EZRA PARMENTER.....	1867—1867
JOHN SARGENT.....	1867—1871
J. WARREN MERRILL.....	1871—1873
CHESTER W. KINGSLEY.....	1873—1876
GEORGE P. CARTER.....	1876—1883
CHESTER W. KINGSLEY.....	1883—1894
JAMES M. W. HALL.....	1894—1899
WILLIAM B. DURANT.....	1899—1907
ALVIN F. SORTWELL.....	1907—1910
ANDREW J. RADY.....	1910—1914
JAMES J. SCULLY.....	1914—1928
BERNARD E. McDERMOTT.....	1928—1930
MARTIN A. FEELEY.....	1930—1931
DR. GEORGE F. McINNES.....	1931—1939

Superintendents of Water Works

Date and length of service

GEORGE W. FIFIELD.....	1857—1864
S. W. DUDLEY.....	1865—1876
HIRAM NEVONS.....	1877—1893
JOHN HARRINGTON.....	1894
EDWIN C. BROOKS.....	1895—1912
EDWARD W. QUINN.....	1913—1917
TIMOTHY W. GOOD.....	1918 (Now in office)

REPORT OF THE CAMBRIDGE WATER BOARD

December 31, 1939.

To the Honorable City Council:

The seventy-fifth annual report of the Cambridge Water Board for the year ending December 31, 1939, is herewith submitted for your consideration. The report of the General Superintendent gives in detail the operations and expenditures of the Department. Reference is also made to the report of the Commissioners of the Sinking Fund of the City.

FINANCIAL STATEMENT IN BRIEF

Total cost of Water Works to December 31, 1938.....	\$9,252,852 48
New main pipe, hydrants, and gates.....	5,000 00
Cleaning large water mains.....	18,500 00
<hr/>	
Total cost of Water Works to December 31, 1939.....	\$9,276,352 48
Maturing debt.....	\$645,500 00
Value of sinking fund.....	\$47,771 91
Funded bonds.....	26,500 00
<hr/>	
	21,271 91
<hr/>	
Net water debt December 31, 1939.....	\$624,228 09
No contribution has been made to the Sinking Fund since December 1, 1917.	
All water debt since 1913 must be made in serial form.	

Funded Water Debt

Date of Issue	Interest	From	Due	Amount
March 1, 1911	3½%	30 years	March 1, 1941	\$16,500 00
December 1, 1911	3½%	30 years	December 1, 1941	10,000 00
<hr/>				\$26,500 00

Maturing Debt of Water Department

Due year ending December 31, 1940.....	\$57,500 00
Due year ending December 31, 1941.....	57,500 00
Due year ending December 31, 1942.....	57,500 00
Due year ending December 31, 1943.....	44,500 00
Due year ending December 31, 1944.....	44,500 00
Due year ending December 31, 1945.....	43,000 00
Due year ending December 31, 1946.....	43,000 00
Due year ending December 31, 1947.....	42,000 00
Due year ending December 31, 1948.....	42,000 00
<hr/>	
Amount carried forward.....	\$431,500 00

Maturing Debt of Water Department—Continued

<i>Amount brought forward</i>	\$431,500 00
Due year ending December 31, 1949.....	42,000 00
Due year ending December 31, 1950.....	34,000 00
Due year ending December 31, 1951.....	23,000 00
Due year ending December 31, 1952.....	23,000 00
Due year ending December 31, 1953.....	23,000 00
Due year ending December 31, 1954.....	23,000 00
Due year ending December 31, 1955.....	23,000 00
Due year ending December 31, 1956.....	23,000 00
	<hr/>
	\$645,500 00
The interest to be paid on the above for 1940 is.....	\$24,713 75

Maturing Debt Due in 1940

<i>Issued</i>		
July, 1914.....	4%	\$1,500 00
October, 1921 (Filtration).....	4½%	11,000 00
October, 1922 (Filtration).....	4%	13,000 00
August, 1931 (Stony Brook Conduit and 24- to	3½%	9,000 00
30-inch mains).....	3½%	15,000 00
April, 1934, water mains.....	3¼%	3,000 00
October, 1934, water mains.....	3¼%	5,000 00
		<hr/>
		\$57,500 00

Statements of yearly revenue received from water rates since the purchase of the works by the City:

From April 28, 1865, to December 1, 1865.....	\$32,367 19
From December 1, 1865, to December 1, 1866.....	40,073 27
From December 1, 1866, to December 1, 1867.....	53,733 62
From December 1, 1867, to December 1, 1868.....	63,747 42
From December 1, 1868, to December 1, 1869.....	76,149 30
From December 1, 1869, to December 1, 1870.....	92,605 95
From December 1, 1870, to December 1, 1871.....	111,782 65
From December 1, 1871, to December 1, 1872.....	127,201 30
From December 1, 1872, to December 1, 1873.....	146,117 32
From December 1, 1873, to December 1, 1874.....	153,634 27
From December 1, 1874, to December 1, 1875.....	138,880 37
From December 1, 1875, to December 1, 1876.....	179,166 76
From December 1, 1876, to December 1, 1877.....	154,843 59
From December 1, 1877, to December 1, 1878.....	157,443 91
From December 1, 1878, to December 1, 1879.....	164,681 90
From December 1, 1879, to December 1, 1880.....	173,325 49
From December 1, 1880, to December 1, 1881.....	170,062 73
From December 1, 1881, to December 1, 1882.....	177,430 80
From December 1, 1882, to December 1, 1883.....	179,361 89
From December 1, 1883, to December 1, 1884.....	161,526 27
From December 1, 1884, to December 1, 1885.....	185,544 36
From December 1, 1885, to December 1, 1886.....	199,404 43
From December 1, 1886, to December 1, 1887.....	204,748 64
From December 1, 1887, to December 1, 1888.....	211,156 27
From December 1, 1888, to December 1, 1889.....	221,124 70
From December 1, 1889, to December 1, 1890.....	231,116 32
From December 1, 1890, to December 1, 1891.....	227,054 53
From December 1, 1891, to December 1, 1892.....	237,527 08
From December 1, 1892, to December 1, 1893.....	212,219 78

From December 1, 1893, to December 1, 1894.....	\$250,032 71
From December 1, 1894, to December 1, 1895.....	268,813 62
From December 1, 1895, to December 1, 1896.....	281,030 00
From December 1, 1896, to December 1, 1897.....	291,457 62
From December 1, 1897, to December 1, 1898.....	267,129 78
From December 1, 1898, to December 1, 1899.....	302,569 00
From December 1, 1899, to December 1, 1900.....	319,479 37
From December 1, 1900, to December 1, 1901.....	320,468 01
From December 1, 1901, to December 1, 1902.....	323,000 53
From December 1, 1902, to December 1, 1903.....	333,777 34
From December 1, 1903, to December 1, 1904.....	339,109 27
From December 1, 1904, to December 1, 1905.....	343,916 00
From December 1, 1905, to December 1, 1906.....	355,768 47
From December 1, 1906, to December 1, 1907.....	373,151 35
From December 1, 1907, to March 31, 1909 (16 months).....	410,533 41
From April 1, 1909, to March 31, 1910.....	351,264 86
From April 1, 1910, to March 31, 1911.....	375,722 42
*From April 1, 1911, to March 31, 1912.....	353,891 02
From April 1, 1912, to March 31, 1913.....	385,475 71
From April 1, 1913, to March 31, 1914.....	383,342 41
From April 1, 1914, to March 31, 1915.....	396,827 26
From April 1, 1915, to March 31, 1916.....	394,908 36
From April 1, 1916, to March 31, 1917.....	401,607 91
From April 1, 1917, to March 31, 1918.....	358,335 70
From April 1, 1918, to March 31, 1919.....	423,906 10
From April 1, 1919, to March 31, 1920.....	403,250 84
From April 1, 1920, to March 31, 1921.....	453,775 94
From April 1, 1921, to March 31, 1922.....	441,109 10
From April 1, 1922, to March 31, 1923.....	486,098 14
From April 1, 1923, to March 31, 1924.....	500,193 02
From April 1, 1924, to March 31, 1925.....	490,487 73
From April 1, 1925, to March 31, 1926.....	512,219 95
From April 1, 1926, to March 31, 1927.....	525,034 28
From April 1, 1927, to March 31, 1928.....	517,487 82
From April 1, 1928, to March 31, 1929.....	535,736 67
From April 1, 1929, to March 31, 1930.....	564,378 31
From April 1, 1930, to March 31, 1931.....	555,681 71
From April 1, 1931, to December 31, 1931 (9 months).....	391,537 21
From January 1, 1932, to December 31, 1932.....	473,507 56
From January 1, 1933, to December 31, 1933.....	479,078 66
From January 1, 1934, to December 31, 1934.....	477,347 34
From January 1, 1935, to December 31, 1935.....	465,220 52
From January 1, 1936, to December 31, 1936.....	473,151 81
From January 1, 1937, to December 31, 1937.....	501,095 59
From January 1, 1938, to December 31, 1938.....	483,799 94
From January 1, 1939, to December 31, 1939.....	491,201 62

Surplus Receipts

The surplus receipts March 31, 1918.....	33,543 71
The surplus receipts March 31, 1919.....	105,994 89
The surplus receipts March 31, 1920.....	71,060 28
The surplus receipts March 31, 1921.....	80,242 80
The surplus receipts March 31, 1922.....	25,182 90
The surplus receipts March 31, 1923.....	113,295 39
The surplus receipts March 31, 1924.....	12,528 94
The surplus receipts March 31, 1925.....	27,414 64
The surplus receipts March 31, 1926.....	50,465 05
The surplus receipts March 31, 1927.....	59,115 08
The surplus receipts March 31, 1928.....	39,606 50

* Reduction of water rates in 1911.

The surplus receipts March 31, 1929.....	\$ 62,673 42
The surplus receipts March 31, 1930.....	96,501 04
The surplus receipts March 31, 1931.....	104,998 36
The surplus receipts for nine months December 31, 1931.....	31,756 88
The total surplus receipts 1932.....	39,561 27
The surplus receipts December 31, 1933.....	35,877 35
The surplus receipts December 31, 1934.....	66,665 99
The surplus receipts December 31, 1935.....	63,486 11
The surplus receipts December 31, 1936.....	44,164 77
The surplus receipts December 31, 1937.....	106,775 48
The surplus receipts December 31, 1938.....	111,376 79
The surplus receipts December 31, 1939.....	138,008 00

	Commitments	Collections*	Expended
March 31, 1928.....	\$515,701 96	\$517,487 82	\$477,881 32
March 31, 1929.....	539,354 88	535,736 67	473,063 25
March 31, 1930.....	581,033 49	564,378 31	467,877 27
March 31, 1931.....	573,049 81	555,681 71	450,683 35
December 31, 1931†.....	412,552 60	391,537 21	356,710 42
December 31, 1932.....	501,545 14	473,507 56	468,149 92
December 31, 1933.....	494,132 07	479,078 66	438,760 30
December 31, 1934.....	482,467 74	477,347 34	420,448 63
December 31, 1935.....	478,227 67	465,220 52	437,772 58
December 31, 1936.....	476,973 72	473,151 81	503,943 48
December 31, 1937.....	490,587 75	501,095 59	438,340 04
December 31, 1938.....	474,630 95	483,799 94	439,249 29
December 31, 1939.....	498,368 13	491,201 62	465,538 72

*Collections include amounts previously due.
†Fiscal year formerly ended March 31. Changed, in 1931, to end December 31.

CONSUMPTION OF WATER

	Gallons
The total pumpage of water for the year ending December 31, 1938	4,263,328,800
The total pumpage of water for the year ending December 31, 1939	4,443,447,390
Increase.....	180,118,590
Daily average pumping during 1938.....	11,680,352
Daily average pumping during 1939.....	12,173,828
Increase.....	493,476
The daily average consumption per capita based on recent population figured by Secretary of State (population — 118,075)	103.1

METERS

Ninety-nine per cent of our supplies are metered, as follows:	
Domestic and industrial services.....	13,765
*Public buildings.....	86
Total meters in use.....	13,851
Since July 25, 1931, all new buildings have been metered.	

*No charge is made to the City for water for any purpose.

RESERVOIRS

In Fresh Pond the elevation of the water is 17.37. The lowest elevation noted in this basin during 1939 was 9.55 on September 25.

In Stony Brook the elevation of the water is 76.70. The lowest elevation noted in this basin during 1939 was 70.99 on August 29.

In Hobbs Brook the elevation of the water is 182.41. The lowest elevation noted in this basin during 1939 was 174.29 on December 29.

The overflow from Stony Brook into Charles River during the year 1939 was 1,937,471,000 gallons.

REPORT OF THE GENERAL SUPERINTENDENT OF THE CAMBRIDGE WATER WORKS

Cambridge, Mass., December 31, 1939.

To the Honorable Water Board:

The report of the General Superintendent for the year ending December 31, 1939, is respectfully submitted.

The financial reports are compiled from figures submitted by the clerical department.

Amount of bills uncollected December 31, 1938:

Water rates, schedule.....	\$3,991 90	
Water rates, meters.....	66,570 96	
New supplies.....	1,044 84	
Supplies renewed.....	4,193 85	
Maintenance, general.....	3,563 70	
Maintenance, setting meters.....	158 63	
Maintenance, cleaning supplies.....	210 00	
Off and on.....	137 00	
Seals.....	7 75	
Rents.....	158 00	
Fire supplies.....	175 00	
	<hr/>	\$80,211 63

Amount of bills committed to City Treasurer for collection from January 1, 1939 to December 31, 1939:

Water rates, schedule.....	\$1,904 11	
Water rates, meters.....	482,285 85	
New supplies.....	4,496 84	
Supplies renewed.....	5,846 73	
Maintenance, general.....	1,312 70	
Maintenance, cleaning supplies.....	155 00	
Off and on.....	133 00	
Rents.....	943 90	
Fire supplies.....	1,290 00	
	<hr/>	\$498,368 13
		<hr/>
		\$578,579 76

There have been collected:

Water rates, schedule.....	\$2,033 61	
Water rates, meters.....	474,611 72	
New supplies.....	4,284 24	
Supplies renewed.....	6,316 43	
Maintenance, general.....	1,341 27	
Maintenance, setting meters.....	10 77	
Maintenance, cleaning supplies.....	160 00	
Off and on.....	139 00	
Rents.....	949 90	
Fire supplies.....	1,375 00	
	<hr/>	\$491,221 94

There remains uncollected December 31, 1939:

Water rates, schedule.....	\$3,634 30
Water rates, meters.....	73,276 65
New supplies.....	1,267 44
Supplies renewed.....	3,578 17
Maintenance, general.....	3,481 25
Maintenance, setting meters.....	147 86
Maintenance, cleaning supplies.....	205 00
Off and on.....	123 00
Seals.....	7 75
Rents.....	36 00
Fire supplies.....	75 00

Total uncollected December 31, 1939.....\$85,832 42

EXPENDITURES

Maintenance:	
*General Account.....	\$317,063 10
Pumping Account.....	56,379 72
Reservoirs Account.....	44,386 42
Filtration Account.....	47,709 48
	<hr/>
	\$465,538 72

*Maturing debt, \$58,500.00, and Interest on debt, \$27,255.00, are included in General Maintenance Account.

The surplus receipts retained in the City Treasury, to the credit
of the Water Department, as required by law, amount to \$138,008 00

Abatements.....	\$1,238 17
Refunds (by City Treasurer for duplicate payments, etc., not made by Water Department).....	287 23
	<hr/>
	\$1,525 40

Comparison of Pumpage

	Pumpage		Increase* or Decrease †
	1938	1939	
	Gallons	Gallons	Gallons
January	353,102,700	358,732,420	5,629,720*
February	311,709,400	323,554,300	11,844,900*
March	349,980,200	353,076,900	3,096,700*
April	336,295,400	330,108,100	6,187,300 †
May	355,493,400	362,035,500	6,542,100*
June	354,778,400	367,322,800	12,544,400*
July	361,100,500	407,062,700	45,962,200*
August	402,720,500	420,284,370	17,563,870*
September	346,798,200	382,648,200	35,850,000*
October	380,328,500	399,847,800	19,519,300*
November	351,840,400	371,715,300	19,874,900*
December	359,181,200	367,059,000	7,877,800*
Totals	4,263,328,800	4,443,447,390	180,118,590* (increase)

*Increase.
†Decrease.

Comparative Total Pumping During Past Ten Years

Year	Annual Pumpage	Total Increase or Decrease	Average Daily Pumpage	Daily Increase or Decrease	Average Daily Pumping Per Capita	Estimated Population
	Gallons	Gallons	Gallons	Gallons	Gallons	
*1930	4,729,269,480	235,913,380 increase	12,956,902	646,338 increase	103	125,000
*1931	4,787,859,430	58,589,950 increase	13,117,423	160,521 increase	105	125,000
†1930	3,625,781,830		13,184,661			125,000
†1931	3,413,852,500	211,929,330 decrease	12,414,009	770,652 decrease	99	125,000
†1931	4,575,930,100		12,502,541			125,000
‡1932	4,456,711,100	119,219,000 decrease	12,176,806	325,735 decrease	98	125,000
1933	4,215,192,200	241,518,900 decrease	11,548,471	628,335 decrease	92	125,000
1934	4,462,657,100	247,464,900 increase	12,226,457	677,986 increase	98	125,000
1935	4,404,093,100	58,564,000 decrease	12,066,008	160,449 decrease	96.5	125,000
1936	4,567,171,400	163,078,300 increase	12,478,710	412,702 increase	99.8	125,000
1937	4,380,818,000	186,353,400 decrease	12,002,241	476,469 decrease	101.6	118,075
1938	4,263,328,800	117,489,200 decrease	11,980,352	321,889 decrease	98.9	118,075
1939	4,443,447,390	180,118,590 increase	12,173,828	493,476 increase	103.1	118,075

Figures for population corrected by Secretary of State.
* Fiscal year ended March 31.
† For nine months, April 1 to December 31. Total pumpage for year 4,575,930,100 gallons. Daily average pumpage for year, 12,502,541 gallons.
‡ Fiscal year ends December 31.

Rainfall for Year Ending December 31, 1939

1939	*Fresh Pond Reservoir	Stony Brook Reservoir	Hobbs Brook Reservoir
	Inches	Inches	Inches
January.....	2.18	2.80	2.05
February.....	3.79	4.24	3.35
March.....	5.23	6.13	4.20
April.....	4.54	5.26	4.43
May.....	1.29	1.40	2.40
June.....	2.70	3.08	2.23
July.....	.75	.62	.43
August.....	2.14	4.80	3.75
September.....	1.01	1.51	1.67
October.....	4.77	2.61	4.48
November.....	1.14	3.65	.92
December.....	2.91	3.48	3.00
Totals.....	32.45	39.58	32.91

*Records of Fresh Pond are given by City Engineer.

Total Rainfall for the Past Ten Years

	*Fresh Pond Reservoir	Stony Brook Reservoir	Hobbs Brook Reservoir
Year	Inches	Inches	Inches
1930.....	32.86	36.50	36.39
1931.....	36.27	40.82	38.42
†1931.....	29.58	32.20	29.33
‡1932.....	44.69	47.31	48.68
1933.....	47.63	47.84	45.59
1934.....	34.15	41.24	40.15
1935.....	32.94	35.93	35.95
1936.....	46.26	46.74	45.94
1937.....	43.67	44.79	43.74
1938.....	49.93	58.50	56.33
1939.....	32.45	39.58	32.91

* Records of Fresh Pond are given by City Engineer.

† For nine months only.

‡ Year is now from January 1 to December 31. Previous years were from April 1 to March 31.

FRESH POND PUMPING STATION

	RUNNING TIME			PUMPAGE		COAL CONSUMED		Rainfall Inches	Average Elevation Fresh Pond
	Days	Hours	Hours Daily Average	Worthington Engine No. 4 Gallons	Daily Average Gallons	Total Pounds	Daily Average Pounds		
1939									
January	31	438.50	14.14	358,732,420	11,572,013	440,100	14,197	2.18	15.92
February	28	396.25	14.15	323,554,300	11,555,510	397,200	14,186	3.79	15.87
March	31	431.00	13.90	353,076,900	11,389,577	490,200	15,813	5.23	16.74
April	30	403.50	13.45	330,108,100	11,003,603	450,500	15,016	4.54	16.56
May	31	443.00	14.29	362,035,500	11,678,564	442,900	14,287	1.29	15.78
June	30	450.00	15.00	367,322,800	12,244,093	449,700	14,990	2.70	16.73
July	31	501.75	16.18	407,062,700	13,131,054	502,000	16,193	.75	16.58
August	31	517.25	16.68	420,284,370	13,557,560	516,600	16,664	2.14	15.85
September	30	470.50	15.68	382,648,200	12,754,940	470,000	15,666	1.01	11.80
October	31	491.25	15.84	399,847,800	12,898,316	491,300	15,848	4.77	10.24
November	30	446.50	14.88	371,715,300	12,390,510	457,100	15,236	1.14	11.12
December	31	451.50	14.56	367,059,000	11,840,612	458,700	14,796	2.91	12.23
Totals	365	5,441.00		4,443,447,390		5,566,300		32.45	
Daily aver.....	.....	.....	14.90		12,173,828		15,250		41.61

FRESH POND RESERVOIR

1939	Highest Elevation During Month	Lowest Elevation During Month	Average Elevation	Rainfall by the Month Inches	Pumpage by the Month Gallons
January 10	17.23				
January 23		15.60	16.41	2.18	358,732,420
February 1		15.08			
February 28	16.74		15.91	3.79	323,554,300
March 13	17.70				
March 27		15.60	16.65	5.23	353,076,900
April 18	17.45				
April 30		15.50	16.47	4.54	330,108,100
May 3		15.18			
May 31	16.50		15.84	1.29	362,035,500
June 1		16.52			
June 30	16.95		16.73	2.70	367,322,800
July 1, 2, 3, 4	16.95				
July 31		16.28	16.61	.75	407,062,700
August 1	16.26				
August 31		14.95	15.60	2.14	420,284,370
September 1	14.74				
September 25		9.55	12.14	1.01	382,648,200
October 1		9.94			
October 31	10.47		10.20	4.77	399,847,800
November 1		10.72			
November 30	11.59		11.15	1.14	371,715,300
December 1		11.65			
December 31	12.95		12.30	2.91	367,059,000
Total rainfall				32.45	
Total consumption					4,443,447,390
Average elevation during year			14.67		

PUMPING STATISTICS

From January 1, 1939 to December 31, 1939

1. Builders of pumping machinery: one Leavitt engine of 20,000,000 gallons capacity per twenty-four hours, built by Groshon High Duty Pumping Engine Company; one Worthington Cross Compound engine of 20,000,000 gallons capacity per twenty-four hours; and two Worthington Compound Duplex engines of 5,000,000 gallons capacity, each, per twenty-four hours. Total capacity, 50,000,000 gallons per twenty-four hours.
2. Description of fuel: kind, bituminous. Brand and price of coal, Beckley Seam Full Run Mine bituminous coal, at \$6.47 per gross ton high grade bituminous.
3. Coal consumed for year, 5,566,300 pounds. Daily average coal consumed, 15,250 pounds. Coal per million gallons pumped, 1,252.69 pounds. Total pumpage for year with four per cent allowance for slip, 4,443,447,390 gallons. Daily average pumpage, 12,173,828 gallons.
4. Average static head against which the Worthington pump works, 165.5.
5. Average dynamic head against which the Worthington pump works, 190.
6. Duty of Worthington Cross Compound engine which pumped all the water the entire year, average 126,453,115 per week.
7. Cost of pumping figured on pumping operating expenses, \$56,379.72.
8. Cost per million gallons pumped, \$12.68.
9. Cost per million gallons raised one foot (dynamic), \$0.05988.

Total population, census figures of 1935 (latest from Secretary of State), 118,075

Estimated population supplied on lines of pipe, 118,075.

SUMMARY OF STATISTICS

In form recommended by the New England Water Works Association

CAMBRIDGE WATER WORKS Cambridge, Middlesex County, Massachusetts

GENERAL STATISTICS

Population by census 1920, 109,456; 1925, 119,667.

Population in 1935 from figures of Secretary of State, 118,075.

"Cambridge Water Works Corporation" was chartered in 1852 and organized in 1853.

The works were constructed in 1855, Mr. John Blake, consulting engineer, and came into possession of the city by purchase in 1865, when they were called "Cambridge Water Works."

The original source of supply was Fresh Pond in Cambridge and Belmont, which was enlarged by connection via conduit with Wellington Brook and Spy Pond, Arlington. The waters of these additional sources were adjudged unfit for domestic use in 1880 and since that time have not been utilized for a supply in Cambridge.

In 1887 Fresh Pond was augmented by a storage reservoir which had been constructed on Stony Brook, located in Weston and Waltham. The waters from this brook are brought to Cambridge by a conduit, originally a thirty-inch cast-iron pipe, which was laid through Waltham and Watertown to Fresh Pond Reservoir. This extension of the works was made under the direction of Mr. Henry N. Crafts, as consulting engineer, and our City Engineer, Mr. W. S. Barbour.

The population of the city was about 60,000 in 1887.

In 1897, an additional provision was made for storing water by the construction of two large reservoirs artificially formed by constructing two dams across Hobbs Brook, which is a tributary of Stony Brook, and flows through Lexington and Lincoln. Payson Park Distributing Reservoir also was completed in 1897. Consulting engineers, Mr. A. Fteley, and Messrs. Rice and Evans, and our City Engineer, Mr. L. M. Hastings, directed the construction of these reservoirs.

The population was about 87,500 in 1897.

In 1905 and 1906, two sections of the Stony Brook pipe line were rebuilt; the new conduit was made of concrete, sixty-three inches in diameter. Another part was rebuilt in 1908, when a new thirty-inch main of cast iron was laid to replace 1,500 feet of old thirty-inch line which has been abandoned. The consulting engineer for the concrete conduit was Mr. Freeman C. Coffin, assisted by our City Engineer, Mr. L. M. Hastings. The new thirty-inch main was laid under the supervision of the Water Works Superintendent, Mr. E. C. Brooks.

The conduit is constructed as follows:

From Fresh Pond to beyond Holmes Street	1,024 feet of 63-inch concrete
From Holmes Street to beyond Holworthy Place	470 feet of 42-inch cast iron
From Holworthy Place to River Street, Waltham . . .	25,867 feet of 63-inch concrete
From River Street to Waltham Pumping Station . . .	8,710 feet of 30-inch cast iron
From Waltham Pumping Station to gate house at dam	5,003 feet of 36-inch cast iron
From River Street to the }	{ 6,662 feet of 36-inch steel
36-inch under the dam }	{ 6,061 feet of 36-inch cast iron
<hr/>	
53,797 feet	

This 36-inch conduit is connected to the 63-inch; it was finished in 1932 and the water was turned into it on September 24, 1932.

There are also 747 feet of 30-inch under the dam at Stony Brook Reservoir.

In 1928 the efficiency of this conduit was increased by cleaning the 36-inch and 30-inch cast iron main from the Stony Brook dam to River Street. The capacity is now estimated at 16,000,000 gallons daily.

Mode of supply: gravity from Hobbs Brook and Stony Brook storage reservoirs to Fresh Pond Filtration Plant; thence by pumping, through the 40-inch steel pumping main to Payson Park distributing reservoir; thence by gravity to consumers through the 40-inch steel distributing main. The Leavitt engine, built in 1897, of 20,000,000 capacity is connected with these steel mains. The Cross Compound Worthington engine of 20,000,000 gallons capacity is also connected to the steel mains.

In case of necessity, the water can be pumped direct from the pumping station through the 30-inch and 24-inch cast iron pumping mains into the 40-inch steel distributing main.

The 40-inch steel main was laid in 1895.

The length of this 40-inch steel pumping main from the Pumping Station to Payson Park Reservoir is 8,392 feet and

from Payson Park Reservoir the 40-inch steel distributing main to the Cambridge Common is 14,924 feet; total, 23,316 feet.

In December, 1927, the work on the leak, which had existed for over twenty years in Payson Park Reservoir, was completed.

The Purification Plant was officially in operation June 28, 1923.

In 1932, six new filter beds and housings for same were added, making a total of sixteen beds and facilities for filtering 24,000,000 gallons of water daily. The housings and installations of two $7\frac{1}{2}$ million gallons pumping units were also installed to connect Fresh Pond with the Plant through two 36-inch steel mains.

METHOD OF PURIFYING CAMBRIDGE WATER

The water formerly flowing into Fresh Pond from Stony Brook is now diverted through a 42-inch pipe and enters the sedimentation basin (which has a capacity of 1,500,000 gallons). Here the chemical treatment of alum takes place. The water then flows to the filter beds, and passes through three feet of graduated sand and gravel, where all suspended matter, caused by coagulation after chemical treatment, is removed. The water then passes over ripple plates in an aerator, where all gases, tastes and odors are removed. Lime is then added to restore alkalinity. Finally, before the water enters the clear water basin, chlorine is added to destroy any remaining germs.

From the clear water basin, which has a capacity of 4,000,000 gallons, the water is pumped to Payson Park Reservoir for distribution to the consumers, by gravity.

In the event of insufficient flow from Stony Brook, a low lift pump room has been constructed, and provision has been made to pump the water, when necessary, from Fresh Pond direct to the sedimentation basin, through a unit of high speed centrifugal pumps. Of these, one is 10,000,000, two are 6,000,000 each, and one is of 4,000,000 gallons daily capacity, and are sufficient to care for any emergency that may arise.

The Plant has a capacity of filtering 24,000,000 gallons per day.

In 1930, an additional supply was laid to the Purification Works to meet any emergency that might arise, should the 40-inch steel mains be out of commission. An 8-inch main was laid from Poplar Road, thence under the Boston & Maine tracks, and to the Purification Plant, which now may be fed under all conditions.

An additional sedimentation basin for our Purification Plant has been asked for by the Planning Commission and is being considered by the Water Board.

The pumpage for the year ending December 31, 1939 was 4,443,447,390 gallons.

The storage capacity, figured at high elevations in the reservoirs, is:

Hobbs Brook (elevation 183.25)	3,181,000,000 gallons
Stony Brook (elevation 83.00)	402,000,000 gallons
Fresh Pond (elevation 16.85)	700,000,000 gallons
Payson Park (elevation 178.50)	43,000,000 gallons
	<hr/> 4,326,000,000 gallons

STATISTICS RELATING TO DISTRIBUTING SYSTEM

From January 1 to December 31, 1939

The forty-inch pumping main to and distributing main from Payson Park Distributing Reservoir are of steel. This forty-inch steel main was laid in 1895.

The main pipes are of cast iron, in sizes from two inches to forty inches.

The two-inch and smaller sizes are of lead lined pipe.

Extensions during the year, 4,733 feet. Renewals during the year, 3,158 feet.

Total now in use:

	Feet
2-inch	9,223
3-inch	1,242
4-inch	67,855
6-inch	401,874
8-inch	108,269
10-inch	41,658
12-inch	100,267
16-inch	15,892
20-inch	25,177
24-inch	23,383
30-inch	12,257
40-inch	550
	<hr/>
	807,647 feet or 152.96 miles
	December 31, 1939

Forty-inch steel main, 23,316 feet or 4.41 miles.

Leaks reported by inspectors while canvassing during the year 1939:

Kitchen faucets	929	
Wash basins	202	
Set tubs	316	
Bathtubs	237	
Water closets	868	
		<hr/>
Total leaks reported by inspectors . . .		2,552

Leaks reported at office and water yard by various people other than inspectors, 1939:

Main pipe	19	
Gates	21	
Cock boxes	2	
Supplies	167	
Meter boxes	1	
Hydrants	4	
Fire supplies	1	
Standpipes	3	
Dam at Stony Brook	1	
		<hr/>
Total leaks reported at office and water yard		219
		<hr/>
Total leaks reported during year 1939		2,771

HYDRANTS

1939 Location	Kind Removed	Kind Installed	Gates Inches
Opposite 101 Binney Street.....	Kennedy	Cambridge	6
42 Fayette Street.....	Boston	Cambridge	6
Fifth and Charles Streets.....	Chapman	Corey	6
Garden Street and Appian Way.....	Corey	Corey	6
Gore and Lambert Streets.....	Chapman	Corey	6
195 Hamilton Street.....	Chapman	Cambridge	6 x 6
Maple and Marie Avenues.....	Kennedy	Cambridge	6
Memorial Drive near B. B. Chemical Co.....		New Corey	6 x 6
Near 20 Myrtle Avenue.....	Kennedy	Corey	6
Whittemore Avenue, Dewey, Almy Co.....	Chapman	Cambridge	6

NUMBER OF HYDRANTS IN USE

Boston.....	30
Cambridge.....	24
Chapman.....	703
Coffin.....	31
Corey.....	339
Flush.....	1
Holyoke.....	168
Kennedy.....	67
Matthews.....	8
Perkins.....	44

Total hydrants in use..... 1,415 December 31, 1939

Number of hydrants added during the year..... 1
Number of gates added during the year on main pipes and hydrants..... 7
Range of pressure on mains..... 55 to 60 pounds

NEW SUPPLIES, 1939

Kind of pipe: galvanized iron, cast iron, and lead lined.

Extended during the year, 2,715 feet.

Sizes, $\frac{3}{4}$ -inch to 8-inch.

Number of supplies added during the year, 64, as follows:

$\frac{3}{4}$ -inch	22
1-inch	19
1 $\frac{1}{4}$ -inch	4
1 $\frac{1}{2}$ -inch	4
2-inch	5
4-inch	3
6-inch	4
8-inch	3
<hr/>	
Total	64

Number of supplies now in use, 17,329.

Average length of services the past year, 42.42 feet.

Average cost per supply includes large supplies up to 6-inch, \$73.58.

Average cost per supply (labor), \$57.74.

Number of meters added during the year, 15.

Total number of meters now in use, 13,851.

Percentage of services metered, now in use, 99 per cent.

The following large supplies were laid this year in sizes from 4-inch to 8-inch; four were for fire protection.

City of Cambridge, High School, Broadway	6-inch
City of Cambridge, Tuberculosis Hospital, Concord Avenue	4-inch
City of Cambridge, Incinerator, Bolton Street	4-inch
City of Cambridge, Municipal Hospital, Cambridge Street	4-inch
City of Cambridge, Street Department, Garage, Tremont and Hampshire Streets	6-inch fire
Cambridge Home for Aged People, Mt. Auburn Street	6-inch fire
Lever Bros. Co., Broadway and Burleigh Street	8-inch
Massachusetts Institute of Technology, 52 Massachusetts Avenue	6-inch fire
Massachusetts Institute of Technology, Vassar Street	8-inch
Simplex Wire and Cable Co., 68 Pacific Street	8-inch fire

FIRE SUPPLIES, 1939

Four "fire" supplies have been laid during the year 1939. The following list contains the number of fire supplies in commission at this date.

Adelson Estate, 544 Massachusetts Avenue.....	6-inch
Albiani Bros., 556 Massachusetts Avenue.....	6-inch
Allen & Endicott Building Co., 63 Albany Street.....	6-inch
American Rubber Co., Binney Street.....	6-inch
American Rubber Co., Potter Street.....	6-inch
American Circular Loom Co., Clarendon Avenue.....	6-inch
American Circular Loom Co., Tannery Street.....	2-inch
American Optical Co., 150 Broadway.....	6-inch
Ashton Valve Co., 161 First Street.....	6-inch
Associated Trust, 888 Massachusetts Avenue.....	2-inch
Atwood & McManus, 64 Aberdeen Avenue.....	6-inch
Baker Supply Co., 145 Broadway.....	6-inch
Barbour Stockwell Co., Broadway and Market Street.....	6-inch
Baretta, Mary, 336 Main Street.....	6-inch
Barta Press, The, 209 Massachusetts Avenue.....	6-inch
Bell Confectionery Co., J. S., Sixth Street.....	6-inch
Berkshire Factory Trust, Amherst Street.....	6-inch
Blacker & Shepard Co., Osborn Street.....	1 1/2-inch
Blake & Knowles Steam Pump Works, Binney Street.....	8-inch
Blake & Knowles Steam Pump Works, Binney Street.....	6-inch
Blake & Knowles Steam Pump Works, Third Street.....	4-inch
Blanchard Machine Co., State Street.....	6-inch
Blanchard Machine Co., State Street.....	6-inch
Boston Blacking Co., Potter Street.....	6-inch
Boston Book Binding Co., Inc., 21 Mt. Auburn Street.....	6-inch
Boston Book Binding Co., Inc., Arrow Street.....	4-inch
Boston Cafeteria Co., 22 Dunster Street.....	6-inch
Boston Confectionery Co., 814 Main Street.....	6-inch
Boston Confectionery Co., 29 State Street.....	6-inch
Boston Elevated Railway Co., Bennett Street.....	4-inch
Boston Elevated Railway Co., Baldwin Street.....	4-inch
Boston Elevated Railway Co., 2375 Massachusetts Avenue.....	4-inch
Boston Elevated Railway Co., Murray Street.....	4-inch
Boston Elevated Railway Co., Murray Street.....	6-inch
Boston Elevated Railway Co., University Road.....	8-inch
Boston & Maine Railroad, Bridge Street.....	6-inch
Boston & Maine Railroad, Bridge and Water Streets.....	6-inch
Boston & Maine Railroad, East Street.....	6-inch
Boston & Maine Railroad, Bridge Street Yard — Four Cambridge hydrants	6-inch
Burke, Thomas F., 881 Massachusetts Avenue.....	2-inch
Cambridge, City of, Raymond Street.....	2-inch
Cambridge, City of, Raymond Street.....	6-inch
Cambridge, City of, Norfolk Street.....	6-inch
Cambridge, City of, Spring Street, Thorndike School.....	4-inch
Cambridge, City of, Garage, Tremont and Hampshire Streets.....	6-inch
Cambridge Electric Light Co., near 410 Western Avenue.....	6-inch
Cambridge Garage Co., 120 Mt. Auburn Street.....	6-inch
Cambridge Gas Light Co., Potter Street.....	6-inch
Cambridge Gas Light Co., Third Street.....	6-inch
Cambridge Gas Light Co., Second Street.....	6-inch
Cambridge Home for Aged People, Mt. Auburn Street.....	6-inch
Cambridge Ice Co., Cottage Park Avenue.....	6-inch
Cambridge Hospital, 330 Mt. Auburn Street.....	8-inch

Cambridge Mutual Fire Insurance Co., 761 Massachusetts Avenue.....	2-inch
Cambridge Rubber Co., Main and Windsor Streets.....	6-inch
Cambridge Salvage and Supply Co., Sixth and Broadway.....	6-inch
Cambridge Savings Bank, 91 Broadway.....	6-inch
Cambridge Y. M. C. A., 828 Massachusetts Avenue.....	6-inch
Carter's Ink Co., First Street.....	4-inch
Carter's Ink Co., Athenaeum Street.....	6-inch
Christ Church, near 1 Garden Street.....	6-inch
Climax Paper Box Co., 20-24 Cottage Park Avenue.....	4-inch
Close Company, The George, 243 Broadway.....	6-inch
College House Trust, 1436 Massachusetts Avenue.....	4-inch
College House Trust, 1434 Massachusetts Avenue.....	6-inch
Columbian Investment Trust, 305 Webster Avenue.....	6-inch
Columbia Jewelry Co., Camp Street.....	6-inch
Commonwealth Laundry, 348 Franklin Street.....	4-inch
Commonwealth Laundry, 348 Franklin Street.....	6-inch
Corcoran, Heirs of John H., 631 Massachusetts Avenue.....	6-inch
Corcoran, Heirs of John H., 629 Massachusetts Avenue corner Essex Street..	6-inch
Corcoran Supply Co., 62 Albany Street.....	6-inch
Crane, William, 95 Binney Street.....	6-inch
Crane William, Inc., 32 Dock Street.....	6-inch
Daggett Chocolate Co., Ames Street.....	6-inch
Daggett Chocolate Co., Main and Ames Streets.....	6-inch
Daggett Trust, The, Ames Street.....	6-inch
Danberg Bros., 141 First Street.....	6-inch
Davenport, A. H., 108 Cambridge Street.....	6-inch
Davenport, A. H., Otis Street.....	6-inch
Dewey & Almy Chemical Co., 235 Harvey Street.....	6-inch
* Dewey & Almy Chemical Co., 235 Harvey Street.....	6-inch
Dewey & Almy Chemical Co., 235 Harvey Street.....	8-inch
Dewey & Almy Chemical Co., Whittemore Avenue.....	6-inch
Dodge, Haley Co., 18 Hurley Street.....	6-inch
Dodge Motor Vehicle Co., 29 Lansdowne Street.....	6-inch
Dover Stamping and Manufacturing Co., 385 Putnam Avenue at Pleasant..	6-inch
Dow Co., John C., 220 Portland Street.....	2-inch
Dow, Fred H., 718 Main Street.....	6-inch
Dow, Henry J., Inc., 217 Thorndike Street.....	6-inch
East Cambridge Savings Bank, 292 Cambridge Street.....	4-inch
Eisenberg & Shapiro, 2419 Massachusetts Avenue.....	6-inch
Elberry Motor Co., 360 River Street.....	6-inch
Elliott Addressing Machine Co., 147-153 Albany Street.....	6-inch
Episcopal Theological School, 99 Brattle Street.....	6-inch
Eustis Manufacturing Co., J. P., 12-16 Ames Street.....	6-inch
Fellows & Son, 810 Memorial Drive.....	6-inch
Field, Walter W., 39-41 Hayward Street.....	6-inch
Filene's Sons Co., Wm., Memorial Drive near Main Street.....	6-inch
Filene's Sons Co., Wm., Main Street and Memorial Drive.....	6-inch
First Congregational Church, near 12 Garden Street.....	6-inch
Fitzgerald, John F., 31 Main Street.....	6-inch
Flash Chemical Co., 160-170 Second Street.....	6-inch
Flynn, T. J., Albany and Portland Streets.....	6-inch
Freedman, Morris, 197 Fifth Street.....	6-inch
Furbish, Fred B., 41 Church Street.....	4-inch
Geilfuss, Charles A., 58 Brookline Street.....	6-inch
General Radio, 38 State Street.....	6-inch
George Realty Co., 54 Washburn Avenue.....	6-inch
Ginn & Co., 215 First Street.....	6-inch
Ginn & Co., Athenaeum Street.....	Two 6-inch
Ginn & Co., Munroe Street.....	6-inch

* Dewey & Almy supplies connected to crossover.

Ginsberg, Harris, 25 Pearl Street.....	6-inch
Goepper Brothers, Ninth Street.....	1½-inch
Goldman, Lowe, 360 Prospect Street.....	6-inch
Graham & Company, James J., Otis Street.....	6-inch
Gray & Sons, Peter, 286 Third Street.....	6-inch
Green Bros., 47 Austin Street.....	6-inch
Greer, J. W., 119 Windsor Street.....	6-inch
Greylock Candy Co., 414 Main Street.....	6-inch
Hammett Co., J. L., 60 Carleton Street.....	6-inch
Harvard Co-operative Society, Palmer Street.....	Two 6-inch
*Harvard University, Banks Street.....	4-inch
Harvard University, Cambridge and Kirkland Streets, Memorial Hall..	Two 4-inch
Harvard University, Concord Avenue, Observatory.....	6-inch
Harvard University, Divinity Avenue, Semitic Museum.....	4-inch
Harvard University, Holmes Field, Austin Hall.....	6-inch
Harvard University, Holmes Field, Langdell Hall.....	4-inch
Harvard University, Holmes Field, Jefferson Laboratory.....	6-inch
Harvard University, 2 Holmes Place, Gannett House.....	6-inch
Harvard University, Harvard and Quincy Streets, Harvard Union.....	6-inch
Harvard University, 29 Holyoke Street.....	4-inch
Harvard University, 63 Mt. Auburn Street, Claverly Hall.....	6-inch
Harvard University, 320 Mt. Auburn Street, Stillman Infirmary.....	6-inch
Harvard University, 1354 Massachusetts Avenue.....	6-inch
Harvard University, 479 Massachusetts Avenue.....	6-inch
Harvard University, Oxford Street, Drill Hall.....	6-inch
Harvard University, Oxford Street, Perkins Hall.....	6-inch
Harvard University, 1340 Massachusetts Avenue, Holyoke House.....	6-inch
Harvard University, In Yard, Emerson Hall.....	6-inch
Harvard University, In Yard, Harvard Hall.....	6-inch
Harvard University, In Yard, Matthews Hall.....	6-inch
Harvard University, In Yard, Thayer Hall.....	4-inch
Harvard University, In Yard, University Hall.....	6-inch
Harvard University, In Yard, Weld Hall.....	6-inch
Harvard University, In Yard, Widener Library.....	6-inch
Haskell, Adams Co., 30 Henry Street.....	6-inch
Hasty Pudding Club, Holyoke Street.....	4-inch
Henderson Bros., 2069 Massachusetts Avenue.....	6-inch
Hews Co., A. H., Richdale Avenue.....	Two 4-inch
†Hews Co., A. H., Sherman Street.....	6-inch
Hingham Knit Goods Co., Banks Street.....	4-inch
Holmes Real Estate Trust, 2 to 9 Central Square.....	6-inch
Holmes Real Estate Trust, 624 Massachusetts Avenue.....	6-inch
Hood Ice Cream Co., 155 Massachusetts Avenue.....	6-inch
Holy Ghost Hospital for Incurables, 1575 Cambridge Street.....	3-inch
Houghton & Dutton, 656 Main Street.....	6-inch
Houghton Mifflin Co., 20 Blackstone Street.....	8-inch
Houghton Mifflin Co., River Street at Blackstone Street.....	6-inch
Howe, Estate of Otis, 748 Main Street.....	6-inch
Hyde, Abe R., 521 Windsor Street.....	6-inch
Hyde, Abe R., 432 Columbia Street.....	6-inch
Irving & Casson, 108 Cambridge Street.....	6-inch
Irving & Casson, 108 Cambridge Street.....	6-inch
Irving & Casson, 27 Otis Street.....	6-inch
Irving & Casson, Otis Street.....	Two 6-inch
Irving & Casson, Thorndike Street.....	Two 6-inch
Irving & Casson, Thorndike Street.....	6-inch
Ivers & Pond Piano Co., Albany Street.....	4-inch

* Tapped for ¾-inch. No meter.

† Tapped for ¾-inch.

Ivers & Pond Piano Co., Main Street at Albany Street.....	6-inch
Ivers & Pond Piano Co., Albany Street.....	6-inch
Jacobs, David, 60 First Street.....	6-inch
Johnson Marble Co., 37 Osborn Street.....	6-inch
Kendall Square Building Trust, 20 Hayward Street.....	6-inch
Klauer Bros., 345 Franklin Street.....	6-inch
Kramer, George, 11 State Street.....	6-inch
Kingston Knitting Co., Carleton and Deacon Streets.....	6-inch
Ladd & Barker, 11 Windsor Street.....	6-inch
Lamb & Ritchie, Albany Street.....	6-inch
Lever Brothers, Ltd., Broadway.....	8-inch
Lever Brothers, Ltd., Broadway.....	6-inch
Lever Brothers, Ltd., Broadway.....	6-inch
Lever Brothers, Ltd., Burleigh Street.....	10-inch
Lever Brothers, Ltd., Harvard Street.....	8-inch
Lever Brothers, Ltd., Harvard Street.....	6-inch
Lever Brothers, Ltd., Portland Street.....	6-inch
Lever Brothers, Ltd., Portland Street.....	6-inch
Lever Brothers, Ltd., Wadsworth Street.....	6-inch
Library Bureau, Albany Street.....	6-inch
Liquid Carbonic Co., 136 Broadway.....	6-inch
Little, Arthur D., Inc., 30 Memorial Drive.....	6-inch
Little, Brown & Co., Putnam Avenue at Blackstone Street.....	6-inch
Little, Brown & Co., Blackstone Street.....	6-inch
Lovell & Hall, Whittemore Avenue.....	6-inch
Lualdi, Inc., Angelo, 6 Cambridge Street.....	6-inch
Macomber, George E., 128 Magazine Street.....	6-inch
Main Street Trust, Amherst Street.....	6-inch
Main Street Trust, Amherst Street.....	6-inch
Manhattan Market Co., 271 Green Street.....	6-inch
Manufacturers' National Bank Realty Trust, 226 Main Street.....	6-inch
Manufacturers National Bank Realty Trust, 226 Main Street.....	6-inch
Masonic Temple, 1950 Massachusetts Avenue.....	4-inch
Mason & Hamlin Co., Broadway.....	Two 6-inch
Massachusetts Institute of Technology, Memorial Drive, Boat House.....	6-inch
Massachusetts Institute of Technology, Memorial Drive.....	6-inch
Massachusetts Institute of Technology, 52 Massachusetts Avenue.....	6-inch
McConnell Co., Erie and Waverly Streets.....	8-inch
McKenzie & Thorner, 137 Main Street.....	6-inch
McLean, Isaac, 65 Mt. Auburn Street.....	4-inch
McLean, Isaac, 1137 Massachusetts Avenue.....	4-inch
Metropolitan Storage Warehouse Co., 134-142 Massachusetts Avenue.....	6-inch
Middlesex County House of Correction, Second and Spring Streets.....	6-inch
Middlesex County, Third Street.....	6-inch
Moll, Blanche A., 820 Somerville Avenue.....	6-inch
Monks Laundry, 284 Norfolk Street.....	6-inch
Morse, Estate of A. P., 585 Massachusetts Avenue.....	6-inch
Mosaic Pignat Vincenzie Co., 699 Mt. Auburn Street.....	6-inch
Myerson, Simon, 90 Hamilton Street.....	6-inch
National Biscuit Company, Franklin Street.....	4-inch
National Biscuit Company, Franklin Street.....	6-inch
National Biscuit Company, Green Street.....	8-inch
National Casket Company, 122 First Street.....	6-inch
National Casket Company, Bent Street.....	6-inch
National Company, 120 Brookline Street.....	4-inch
New England Cabinet Co., 37 Harris Street.....	6-inch
New England Confectionery Co., Cross Street.....	8-inch
*New England Confectionery Co., 254 Massachusetts Avenue.....	8-inch
New England Telephone and Telegraph Co., 10 Ware Street.....	4-inch

* Tapped for garage.

Newhall, C. A., 1420 Massachusetts Avenue	4-inch
Nichols, Annie W. H., Ames Street	6-inch
Nilson, Carl J., 36 Dickinson Street	6-inch
North American Chemical Co., 19 Chestnut Street	6-inch
North Packing and Provision Co., Windsor Street	6-inch
Olympia Theatre Co., Inc., 571-575 Massachusetts Avenue	6-inch
O'Neil, Robert H., Jr., 47 Austin Street	6-inch
Oppenheim, Minnie and Annie, 1217 Cambridge Street	6-inch
Page Box Co., George G., Hampshire Street	Two 6-inch
Payne & Co., F. S., 75 Richdale Avenue	6-inch
Payne & Co., F. S., 75 Richdale Avenue	6-inch
Peabody, Francis Jr., 63 Mt. Auburn Street, Claverly Hall	4-inch
Petterson, Oscar G., 183 Main Street	4-inch
Pi Eta Club, Winthrop Square	2-inch
Poole Piano Co., Sidney Street	8-inch
Porter, Henry S., Kinnaird and Soden Streets	4-inch
Porter, Henry S., Kinnaird and Soden Streets	6-inch
Preble, George E., 798 Massachusetts Avenue	6-inch
Prest-o-Lite Co., 541 Concord Avenue	6-inch
Prussian, Samuel W., 864 Main Street	6-inch
Radcliffe College, 8 Garden Street	6-inch
Reardon & Sons Corporation, John, Waverly Street	4-inch
Reardon, Edmund, Erie Street (garage)	4-inch
Revere Sugar Refinery, Ninth Street	6-inch
Reversible Collar Co., 111 Putnam Avenue	6-inch
Rice & Hutchins, Inc., Lansdowne Street	6-inch
Riverside Boiler Works, 50 Harvard Street	4-inch
Riverside Boiler Works, 491-493 Main Street	6-inch
Rosen, Henry, 287 Prospect Street	6-inch
Rosenbaum, Philip, 99 Broadway	6-inch
Ross & Co., William F., 201 Bridge Street	6-inch
Russell, Estate of Joseph G., 224 Albany Street	6-inch
Russell, Lucy J., 29 Elm Street	1½-inch
Ryerson, John T., Binney Street	8-inch
Sacred Heart Parish, Seventh Street	4-inch
Sacred Heart Parish, 153-159 Thorndike Street	6-inch
Salvi, Peter, 590 Main Street	8-inch
Sawyer & Son, Howard M., Thorndike Street	4-inch
Sawyer & Son, Howard M., Spring Street	6-inch
Sawyer & Son, Howard M., Second Street	6-inch
Scully, Francis P., First Street	6-inch
Scully, Sarah P., et al., 88 First Street	6-inch
Sears Roebuck & Company, 1815 Massachusetts Avenue	6-inch
Seelye, Francis P., First Street	4-inch
Shapiro, Jacob, 620 Memorial Drive	6-inch
Sherburne, Estate of Reuben, 363 Third Street	6-inch
Shine, John J., 420 Green Street	6-inch
Simplex Wire & Cable Company, Auburn Street	8-inch
Simplex Wire & Cable Company, Franklin Street	6-inch
Simplex Wire & Cable Company, 105 Pacific Street	6-inch
Simplex Wire & Cable Company, 61 Pacific Street	6-inch
Simplex Wire & Cable Company, Pilgrim Street	4-inch
Simplex Wire & Cable Company, Sidney Street	6-inch
Simplex Wire & Cable Company, 68 Pacific Street	8-inch
Southwick, Annie E., 684 Massachusetts Avenue	6-inch
Speare's Sons & Co., Alden, Binney Street	4-inch
Squire Co., J. P., 169 Gore Street	8-inch
Standard Diary Co., 26 Blackstone Street	6-inch
Standard Plate Glass Co., 270 Albany Street	6-inch
Standard Turning Works, Main Street	4-inch

Stimpson, Harry F., 193 Albany Street.....	6-inch
Stimpson, Harry F., 175 Albany Street.....	6-inch
Stimpson, Harry F., 167 Albany Street.....	6-inch
Stimpson, Harry F., 157 Albany Street.....	6-inch
Stimpson, Harry F., 12 Emily Street.....	6-inch
Stimpson, Harry F., 95 Erie Street.....	6-inch
Stimpson, Harry F., 148 Sidney Street.....	6-inch
Stimpson, Harry F., 149 Sidney Street.....	6-inch
Stimpson, Harry F., 161 Sidney Street.....	6-inch
Stimpson Investment Corporation, 185 Albany Street.....	6-inch
Stone Co., C. W., 144 Second Street.....	6-inch
Suffolk Engraving & Electrotyping Co., Main and Carleton Streets.....	6-inch
Superior Laundry Co., 633 Concord Avenue.....	6-inch
Swan, Daniel A., 61 Broadway.....	2-inch
Sweetman, George H., 282 Portland Street.....	6-inch
Tailby, Nason Co., Amherst Street.....	4-inch
Teele Soap Company, 6 Lincoln Place.....	6-inch
Thairwell Co., William C., 15 Tudor Street.....	4-inch
Thayer & Co., Henry, Sidney and Erie Streets.....	6-inch
Thompson Box Co., 62 Hampshire Street.....	6-inch
Thompson Box Co., 69 Hampshire Street.....	4-inch
Tower & Son, Sylvester, 143-145 Broadway.....	4-inch
Union Real Estate Trust, 463 Massachusetts Avenue.....	4-inch
United Carr Fastener Co., Amherst Street.....	6-inch
United Carr Fastener Co., 43 Amherst Street.....	6-inch
United Carr Fastener Co., 27 Ames Street.....	6-inch
United Carr Fastener Co., 31 Ames Street (fire curtain).....	6-inch
University Associates, Bow Street, Garage.....	6-inch
University Associates, Linden Street.....	4-inch
University Associates, 1312 Massachusetts Avenue at Harvard Square.....	6-inch
Walluck, Maxwell, 306 Webster Avenue.....	6-inch
Webster Co., F. S., 23 Amherst Street.....	6-inch
Webster Co., W. F., 222-224 Thorndike Street.....	6-inch
White, Herbert H., University Road.....	6-inch

SUPPLIES CLEANED

Year ending March 31, 1912.....	159
Year ending March 31, 1913.....	278
Year ending March 31, 1914.....	471
Year ending March 31, 1915.....	727
Year ending March 31, 1916.....	841
Year ending March 31, 1917.....	896
Year ending March 31, 1918.....	825
Year ending March 31, 1919.....	1,158
Year ending March 31, 1920.....	1,467
Year ending March 31, 1921.....	1,348
Year ending March 31, 1922.....	1,829
Year ending March 31, 1923.....	970
Year ending March 31, 1924.....	963
Year ending March 31, 1925.....	798
Year ending March 31, 1926.....	522
Year ending March 31, 1927.....	414
Year ending March 31, 1928.....	367
Year ending March 31, 1929.....	282
Year ending March 31, 1930.....	270
Year ending March 31, 1931.....	197
Nine months ending December 31, 1931.....	130
Year ending December 31, 1932.....	110
Year ending December 31, 1933.....	119
Year ending December 31, 1934.....	116
Year ending December 31, 1935.....	75
Year ending December 31, 1936.....	56
Year ending December 31, 1937.....	30
Year ending December 31, 1938.....	16
Year ending December 31, 1939.....	31
Total.....	15,465

Since 1923 a charge of \$5 has been made for each supply cleaned.

NEW SUPPLIES LAID DURING 1939

Year 1939	8 Inch	6 Inch	4 Inch	2 Inch	1½ Inch	1¼ Inch	1 Inch	¾ Inch	Total
Number of supplies, lead lined.....									
Number of supplies, cast iron.....	3	4	3	5	4	4	19	22	54 10
Total number of supplies.....	3	4	3	5	4	4	19	22	64
Length, in feet, of cast iron pipe....	80	186	38	209	315	285½ 8	838 61	684 10½	304 2,331½ 79½
Length, in feet, of lead lined pipe...									
Length, in feet, of copper pipe.....									
Total length, in feet, of pipe....	80	186	38	209	315	293½	899	694½	2,715
Number of corporation cocks.....				1	1		14	17	33
Number of sidewalk cocks.....				3	1		14	21	41
Number of valves.....				3	3		14	21	43
Number of service boxes.....							13		13
Number of gates.....	3	4	3						10
Number of gate boxes.....	3	4							10
Number of sleeves with gates.....	3	5							8
Number of clamps with cocks.....		5		2					7

SUPPLIES RENEWED DURING 1939

Year 1939	8 Inch	6 Inch	4 Inch	2 Inch	1 1/2 Inch	1 1/4 Inch	1 Inch	3/4 Inch	Total
*Number of supplies, brass (none) . . .									
*Number of supplies, copper					1	2	4	4	11
Number of supplies, lead lined				2	6	12	43	90	153
Number of supplies, cast iron			1						1
Total number of supplies			1	2	7	14	47	94	165
Length, in feet, of pipe, brass (none)									
Length, in feet, of pipe, copper					16	47 1/2	205 1/2	183	452
Length, in feet, of pipe, lead lined . .				48	215	361 1/2	1,302 1/2	2,618 1/2	4,545 1/2
Length, in feet, of pipe, cast iron . . .			34						34
Total length, in feet, of pipe			34	48	231	409	1,508	2,801 1/2	5,031 1/2
Number of corporation cocks				1	1		6	10	18
Number of sidewalk cocks				1	1	3	24	21	50
Number of valves			1	1	2	10	26	35	75
Number of gates		8							11
Number of gate boxes	3	8			3	4			11
Number of clamps with cocks				2					9

* Pipe furnished by owners.

SUPPLIES LAID DURING THE PAST TEN YEARS

YEAR	New Supplies	Total Supplies Renewed	Total Supplies	Supplies Fur- nished with Sidewalk Serv- ice Boxes Renewals
1929.....	246	289	535	11
1930.....	171	316	487	92
1931.....	138	353	491	92
*1931.....	69	162	231	53
†1932.....	35	242	277	18
1933.....	40	164	204	3
1934.....	23	182	205	35
1935.....	38	318	356	20
1936.....	41	123	164	17
1937.....	61	149	210	10
1938.....	51	141	192	33
1939.....	64	165	229	50

COMPARATIVE TRENCHING FOR THE PAST TEN YEARS

YEAR	MAIN PIPE		SUPPLIES		TOTAL	
	Extensions	Renewals	New	Renewals	Feet	Miles
1929.....	6,066		8,554	7,105	21,725	4.11
1930.....	1,565		6,001	9,928	17,494	3.31
1931.....	4,340	607	5,225	9,916	20,088	3.80
*1931.....	27,327	1,058	1,939	4,296	34,620	6.55
†1932.....	2,338		1,354	5,818	9,510	1.80
1933.....	1,579	1,544	1,917	4,437	9,477	1.79
1934.....	2,045	10,518	990	5,689	19,242	3.64
1935.....	2,297½	5,892	1,610	6,762¾	16,562¼	3.136
1936.....	2,901	5,448	1,884½	4,056	14,289½	2.706
1937.....	5,396	1,417	2,642½	4,610	14,065½	2.684
1938.....	4,076½	3,614	1,894½	4,196	13,781	2.61
1939.....	733	158	2,715	5,031½	8,637½	1.63

* For nine months ending December 31, 1931.

† Previous to March 31, 1931, the fiscal year ended March 31. Since 1931 the fiscal year ends December 31.

INDUSTRIAL AND DOMESTIC METERS IN USE
December 31, 1939
(See next page for meters on public buildings)

	5/8 Inch	3/4 Inch	1 Inch	1 1/4 Inch	1 1/2 Inch	2 Inch	3 Inch	4 Inch	6 Inch	8 Inch	Total
Badger	95	44	. . . .	. . .	. . .	11	2	1	. . .	. . .	153
Buffalo	7	7	8	. . .	. . .	. . .	. . .	. . .	. . .	. . .	22
Federal	84	55	37	. . .	15	10	. . .	. . .	. . .	. . .	201
Hersey (Torrent)	656	211	95	5	13	49	28	20	45	5	1 127
Keystone (Arctic)	264	104	28	2	. . .	. . .	3	3	1	. . .	405
King	18	22	9	. . .	5	2	. . .	. . .	. . .	. . .	56
National, Nash	203	2	21	. . .	1	. . .	. . .	10	. . .	. . .	227
National, Empire . . . . .	. . . .	. . . .	. . . .	. . . .	2	7	20	5	3	. . .	42
National, Gem . . . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	5	1	. . .	6
Neptune . . . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	4	1	5
Neptune, Trident	436	193	98	6	16	29	4	. . .	. . .	. . .	782
Neptune, Lambert	110	19	2	. . .	. . .	1	. . .	1	1	. . .	134
WatchDog,formerly"Gamon"	3,729	2,678	548	120	73	117	21	27	6	. . .	7,319
Worthington	2,150	602	195	90	83	101	53	9	2	. . .	3,285
Worthington, Turbine . . . . .	. . . .	. . . .	. . . .	. . .	. . .	. . .	. . .	. . .	. . .	1	1
Totals	7,752	3,937	1,041	223	208	327	131	76	63	7	13,765

In addition there are 86 meters on public buildings (see next page) 86

Total meters in use December 31, 1939 13,851

METERS ON PUBLIC BUILDINGS IN USE

December 31, 1939

YEAR 1939	$\frac{5}{8}$ Inch	$\frac{3}{4}$ Inch	1 Inch	$1\frac{1}{4}$ Inch	$1\frac{1}{2}$ Inch	2 Inch	3 Inch	4 Inch	Total
Federal . . . . .	..	..	..	..	..	1	..	..	1
Hersey . . . . .	..	3	2	..	3	2	1	..	11
Keystone . . . . .	..	..	..	..	..	..	..	2	-2
Lambert . . . . .	..	1	..	..	..	..	..	..	1
Neptune, Trident	3	1	3	..	1	..	..	..	8
Neptune, Crest . . . . .	..	..	..	..	..	1	..	..	1
National, Nash . . . . .	..	..	..	..	..	..	..	1	1
National, Crown . . . . .	..	..	..	..	..	1	..	..	1
National, Empire . . . . .	..	..	..	..	..	..	2	..	2
National, Gem . . . . .	..	..	..	..	..	..	2	..	2
Watch Dog, formerly "Gamon"	2	..	2	..	..	8	..	3	15
Worthington	3	2	5	5	8	10	5	3	41
Totals	8	7	12	5	12	23	10	9	86

FIRE SUPPLIES EQUIPPED WITH "DETECTOR" OR "PROTECTUS" METERS

Allen & Endicott Building Company, Main Street.....	6-inch on new supply
Allen & Endicott Building Company, Osborne Street.....	6-inch on new supply
Atwood & McManus, 64 Aberdeen Avenue.....	6-inch on new supply
Baker, Brownrigg K., Osborne Street (premises).....	6-inch on new supply
Barbour Stockwell Company, 25 Broadway (premises).....	6-inch on new supply
Blacker & Shepard Company, Sidney Street.....	6-inch on new supply
Blake & Knowles Steam Pump Works, Binney and Fifth Streets (premises).....	6-inch on new supply
Blanchard Machine Company, 80 State Street (premises) . . .	4-inch on new supply
Boston Elevated Railway Company, Massachusetts Avenue..	6-inch on new supply
Boston Elevated Railway Company, Murray Street.....	6-inch on new supply
Boston Woven Hose & Rubber Company, Hampshire Street....	6-inch on old supply
Boston Woven Hose & Rubber Company, Portland Street.....	6-inch on old supply
Boston and Maine Railroad, Bridge Street and Commercial Avenue.....	8-inch on old supply
Briggs, C. A., 418 Main Street.....	6-inch on new supply
Cambridge Paper Box Company, Broadway.....	6-inch on old supply
Cambridge Rubber Company, 748 Main Street.....	4-inch on new supply
Cutter, Wood & Sanderson, Third Street.....	6-inch on old supply
Davis, F. H., 175 Richdale Avenue.....	6-inch on new supply
Dyar Sales and Machinery Company, 62 Broadway.....	4-inch on new supply
Enterprise Moakler Company, Second Street.....	6-inch on old supply
Filene's Sons, William, 100 Main Street (premises).....	6-inch on new supply
Filene's Sons, William, Memorial Drive.....	6-inch on new supply
Ford Motor Company, Brookline Street (premises).....	6-inch on new supply
General Radio Company, 38 State Street.....	6-inch on new supply
Hammett & Company, J. L., Main and Hayward Streets (premises).....	6-inch on new supply
Harvard University, Divinity Avenue (premises).....	6-inch on new supply
Harvard University, Oxford Street (premises).....	6-inch on new supply
Harvard University, Plympton Street (Lowell Hall).....	4-inch on new supply
Harvard University, Sterling Street.....	6-inch on old supply
Harvard University, Widener Library (premises).....	3-inch on new supply
Hathaway & Sons, C. F., 15 Richdale Avenue.....	4-inch on old supply
Hathaway & Sons, C. F., 15 Richdale Avenue.....	4-inch on new supply
Houghton, H. O. (Riverside Press), 20 Blackstone Street.....	6-inch on old supply
Johnson Educator Food Co., 100 Sidney Street (premises)....	6-inch on new supply
Jordan Marsh Company, Amesbury Street (premises).....	8-inch on new supply
Kemp & Sons, Lysander, Broadway (premises).....	6-inch on new supply
*Lankofsky, Baila, 329 Elm Street.....	4-inch on new supply
Lonergan, Adeline J., 1572 Massachusetts Avenue.....	3-inch on new supply
†Lualdi, Inc., Angelo, 54 Charles Street.....	
Massachusetts Institute of Technology, Ames and Amherst Streets.....	6-inch on new supply
Massachusetts Institute of Technology, 75 Massachusetts Avenue.....	8-inch on new supply
Massachusetts Institute of Technology, Vassar Street.....	8-inch on new supply
McGoldrick, H. E., 339 Franklin Street.....	3-inch on new supply
Morey & Company, Commercial Avenue (premises).....	6-inch on new supply
The Murray Printing Co., Wadsworth Street.....	6-inch on new supply
National Casket Company, First Street.....	6-inch on new supply
New England Tel. & Tel. Co., 51 Inman Street.....	3-inch on new supply
Page & Shaw, 18-20 Ames Street (premises).....	6-inch on old supply

*Off.

†Supplied and covered by meter in Enterprise Moakler Company.

Penn Metal Company, Concord Avenue.....	6-inch on new supply
Promboin & Son, L., 449 Windsor Street (premises).....	6-inch on new supply
Radcliffe College, 8 Garden Street.....	6-inch on new supply
Reardon & Sons' Corporation, John, Waverly Street.....	8-inch on new supply
Revere Sugar Refinery, 71 Ninth Street.....	6-inch on new supply
Riverside Boiler Works, 493 Main Street (premises).....	6-inch on new supply
Russell & Company, Norfolk Street.....	6-inch on new supply
Shapiro, J., 620 Memorial Drive.....	6-inch on new supply
Squirrel Brand Nut Company, 10-12 Boardman Street.....	4-inch on new supply
Standard Oil Company, 265 Sixth Street.....	6-inch on old supply
Standard Oil Co., Fifth and Potter Streets (premises) (garage) ..	3-inch on new supply
Sterling Knit Goods Company, Stiles Street... ..	6-inch on old supply
Sugarman Brothers, 541 Windsor Street.....	6-inch on new supply
United Carr Fastener Company, 31 Ames Street.....	6-inch on new supply
United Carr Fastener Company, Amherst Street.....	6-inch on new supply
University Press, Nutting Road.....	6-inch on old supply
University Press, University Road.....	6-inch on new supply
Ward Baking Company, Albany Street.....	6-inch on old supply
Wheelock Lovejoy Company, Sidney Street.....	6-inch on new supply
Whiting Milk Company, Albany Street.....	6-inch on new supply

DRINKING FOUNTAINS IN USE, 1939

There are twenty-four drinking fountains in use in Cambridge, as follows:

Banks Street, Corporal Burns Playground
 Broadway at Norfolk Street, "Jones Bubble"
 Cambridge Common
 Cambridge Field
 Cambridge Street at Third Street
 Central Square
 Fresh Pond Driveway, "Jenks Bubble"
 Harvard Square
 Huron Avenue at Cushing Street Playground, "Jenks Bubble"
 Inman Square, "Jenks Bubble"
 Kendall Square
 Massachusetts Avenue at Blake Street
 Massachusetts Avenue at Cameron Avenue
 Memorial Drive, Magazine Beach
 Memorial Drive, Magazine Beach, "Bubbler"
 Memorial Drive near Wadsworth Street
 Memorial Drive at Lowell Park
 Memorial Drive near Granite Street
 Mt. Auburn Street in Parkway, "Jones Bubble"
 Putnam Square
 Rindge Field
 Thorndike Field, Charles Street
 Thorndike Field, Ninth Street
 Walden and Raymond Streets, Corcoran Playground

WADING POOLS

There are six wading pools in use in Cambridge, as follows:

- Cambridge Field, Cambridge Street
- Corporal Burns Playground, Banks Street
- Norfolk Street, near Hampshire Street
- Rindge Field, Pemberton Street
- Thorndike Field, Thorndike Street
- Amory Street, corner of St. Mary Road

STONY BROOK OVERFLOW

1939	Gallons Overflowed	Days Overflowed	Rainfall
January.....	221,111,000	24	2.80
February.....	360,010,000	13	4.24
March.....	315,798,000	15	6.13
April.....	836,423,000	24	5.26
May.....	200,179,000	24	1.40
June.....	3,950,000	2	3.08
July.....	.....	..	.62
August.....	.....	..	4.80
September.....	.....	..	1.51
October.....	.....	..	2.61
November.....	.....	..	3.65
December.....	.....	..	3.48
Total overflow.....	1,937,471,000		
Number of days in which water overflowed.....		102	
Total rainfall.....			39.58

STONY BROOK OVERFLOW, ETC., FOR THE PAST FIFTY-TWO YEARS

	Gallons	No. of Days	Rainfall
1888.....	6,000,000,000	...	.....
1889.....	8,000,000,000	...	.....
1890.....	8,700,000,000	...	.....
1891.....	8,247,800,000	...	45.25
1892.....	3,688,900,000	...	39.82
1893.....	4,427,400,000	...	39.50
1894.....	2,853,000,000	...	35.79
1895.....	5,281,900,000	224	50.52
1896.....	5,704,700,000	224	50.52
1897.....	3,999,700,000	256	43.35
1898.....	5,704,600,000	260	54.03
1899.....	6,969,500,000	175	43.96
1900.....	4,447,100,000	145	51.34
1901.....	6,141,300,000	157	46.77
1902.....	6,359,100,000	182	44.58
1903.....	6,437,500,000	222	45.97
1904.....	5,726,399,000	171	41.18
1905.....	3,148,900,000	140	38.40
1906.....	3,510,700,000	170	39.16
1907.....	2,415,900,000	147	42.32
*1908.....	3,384,300,000	184	} 48.23
†1909 for 4 months.....	960,800,000	50	
†1910.....	2,531,500,000	137	37.83
†1911.....	57,200,000	22	31.78
†1912.....	1,395,200,000	69	42.63
†1913.....	2,571,200,000	132	41.22
†1914.....	3,022,800,000	99	42.13
†1915.....	3,477,200,000	111	34.44
†1916.....	2,581,900,000	136	41.90
†1917.....	4,091,800,000	141	37.11
†1918.....	2,386,100,000	136	38.69
†1919.....	2,186,400,000	111	41.24
†1920.....	5,502,900,000	173	51.33
†1921.....	5,727,600,000	217	40.52
†1922.....	3,351,100,000	135	44.11
†1923.....	2,981,000,000	125	50.74
†1924.....	1,936,700,000	145	37.09
†1925.....	2,941,900,000	113	43.27
†1926.....	1,782,900,000	82	44.27
†1927.....	1,834,524,000	82	39.63
†1928.....	2,118,753,000	199	46.98
†1929.....	2,471,275,000	180	46.28
†1930.....	1,894,741,000	79	36.50
†1931.....	984,313,000	53	40.82
§1931 for 9 months.....	943,665,000	79	32.20
¶1932.....	2,084,276,000	181	47.31
¶1933.....	4,799,418,000	159	47.84
1934.....	3,482,674,000	162	41.24
1935.....	3,054,610,000	142	35.93
1936.....	2,284,948,000	100	46.74
1937.....	1,784,278,000	204	44.79
1938.....	4,270,183,000	270	58.50
1939.....	1,937,471,000	102	39.58

Since 1921, the decrease in the gallons overflow has been due to the raising of the elevation of the crests of the Stony and Hobbs Brooks waterways two feet, which provided for an additional storage for 48,000,000 gallons of water in Stony Brook and 489,000,000 gallons in Hobbs Brook that usually wasted into Charles River.

*Previous to 1908—Fiscal year ended November 30 § Fiscal year changed to December 31, 1931.
†Overflow from December 1, 1908, to March 31, 1909. ¶ January 1 to December 31.
‡Fiscal year ended March 31.

HOBBS BROOK RESERVOIRS										STONY BROOK RESERVOIR				
Lincoln Street, Basin No. 1					Winter Street, Basin No. 2							Elevations		Total Monthly Rainfall
Date	Highest Elevation During Month	Lowest Elevation During Month	Total Monthly Rainfall		Date	Highest Elevation During Month	Lowest Elevation During Month		Date	Highest Elevation During Month	Lowest Elevation During Month			
1939					1939					1939				
Jan. 8-10	183.46	183.34	2.05		Jan. 8, 9, 10	183.46	183.34		Jan. 10-11	83.45	81.57	2.80		
Jan. 28-31		183.35			Jan. 28, 29, 30, 31		183.35		Jan. 31		80.38			
Feb. 1			3.35		Feb. 1				Feb. 11			4.24		
Feb. 28	183.59				Feb. 28	183.59			Feb. 17	83.86		6.13		
Mar. 2	183.65		4.20		Mar. 2	183.65			Mar. 1	83.97		5.26		
Mar. 24, 25		183.47			Mar. 24, 25		183.47		Mar. 24		82.57	1.40		
April 4, 8-10, 20-21	183.70		4.43		April 4, 8-10, 20-21	183.70			April 6		82.80	3.08		
April 30		183.51			April 30		183.51		April 19	84.00		.62		
May 1	183.50		2.40		May 1	183.50			May 1	83.64		4.80		
May 22		183.30			May 22		183.30		May 22		82.48	1.51		
June 1	183.44		2.23		June 1	183.44			June 1	83.18		2.61		
June 30		183.06			June 30		183.06		June 30		77.51	3.65		
July 1	183.05		.43		July 1	183.05			July 6		76.39			
July 31		180.21			July 31		180.21		July 31	81.39				
Aug. 1	180.11		3.75		Aug. 1	180.11			Aug. 3	81.70				
Aug. 19-20		179.74			Aug. 19, 20		179.74		Aug. 29			4.80		
Sept. 1	179.75		1.67		Sept. 1	179.75			Sept. 1		70.99	1.51		
Sept. 30		178.14			Sept. 30		178.14		Sept. 28	80.75				
Oct. 1	178.11		4.48		Oct. 1	178.11			Sept. 28	79.92				
Oct. 30-31		177.05			Oct. 1		177.05		Oct. 1			2.61		
Nov. 2	177.25		.92		Oct. 30, 31		177.05		Oct. 30		71.98			
Nov. 30		175.61			Nov. 2	177.25			Nov. 1		73.57	3.65		
Dec. 1	175.59		3.00		Nov. 30		175.61		Nov. 20	80.89				
Dec. 29		174.29			Dec. 1	175.59			Dec. 2		77.80	3.48		
Dec. 29					Dec. 29		174.29		Dec. 26	81.59				
Total rainfall				32.91									39.58	

STONY BROOK RESERVOIR

Date	Highest Elevation During Month		Lowest Elevation During Month		Total Monthly Rainfall
1939					
Jan. 10-11	83.45		81.57		2.80
Jan. 31			80.38		4.24
Feb. 11					6.13
Feb. 17	83.86				5.26
Mar. 1	83.97				1.40
Mar. 24			82.57		3.08
April 6			82.80		.62
April 19	84.00				4.80
May 1	83.64				1.51
May 22			82.48		2.61
June 1	83.18				3.65
June 30			77.51		3.48
July 6			76.39		
July 31	81.39				
Aug. 3	81.70				
Aug. 29			70.99		
Sept. 1			71.34		
Sept. 28	80.75				
Oct. 1	79.92				
Oct. 30			71.98		
Nov. 1			73.57		
Nov. 20	80.89				
Dec. 2			77.80		
Dec. 26	81.59				
Total rainfall					39.58

FINANCIAL STATEMENT OF WATER DEPARTMENT

January 1, 1939 to December 31, 1939

EXPENDED

General Maintenance Account

A. Personal Service

1. Permanent employees

Labor.....	\$102,095 80	
Superintendent.....	5,000 00	
Clerks.....	15,340 00	
Inspectors.....	23,906 00	
	<hr/>	\$146,341 80

2. Temporary employees.....	\$5,760 00	
	<hr/>	5,760 00

B. Service Other Than Personal

1. Printing and binding.....	\$79 50	
2. Postage.....	608 60	
3. Advertising and posting.....	28 75	
4. Transportation of persons.....	200 00	
5. Cartage and freight.....	7 40	
6. Hire of teams and auto trucks.....	100 00	
8. Light and power.....	239 60	
9. Lighting reservations.....	38 04	
10. Rent, taxes, water.....	3,564 41	
12. Premium on surety bond.....	30 00	
13. Communication.....	545 51	
14. Motor vehicles, repairs and care.....	53 00	
22. Medical.....	8 00	
35. Fees.....	30 00	
37. Photographic and blueprinting.....	2 21	
39. Service not otherwise coded.....	66 00	
44. Travel outside of the State.....	136 25	
	<hr/>	5,737 27

C. Equipment

4. Motor vehicles.....	\$970 70	
9. Office.....	383 25	
13. Tools and instruments.....	424 15	
17. Equipment not otherwise coded.....	651 50	
	<hr/>	2,429 60

D. Supplies

1. Office.....	\$671 92	
3. Fuel.....	249 40	
5. Medical, surgical, laboratory.....	2 40	
8. Laundry, cleaning.....	24 00	
11. Motor vehicles, gasoline and oil.....	1,623 06	
13. Chemicals and disinfectants.....	106 13	
16. Supplies not otherwise coded.....	896 92	
17. Motor vehicle parts.....	890 00	
	<hr/>	4,463 83

E. Materials		
6. Water	\$19,993 78	
13. Materials not otherwise coded	663 34	
	<hr/>	\$20,657 12
F. Special Items		
1. Meters, installing and parts	\$5,000 00	
2. Damages	474 75	
3. Cleaning water pipe	18,492 00	
7. Pensions	18,019 50	
12. Repairing pavements	1,157 93	
13. Retirement system	2,526 30	
14. Inspection	248 00	
	<hr/>	45,918 48
Total Expenses for General Maintenance		\$231,308 10
Maturing debt, serial loans	58,500 00	
Interest on debt	27,255 00	

Pumping Account

A. Personal Service		
1. Permanent employees	\$29,900 43	
2. Temporary employees	1,612 93	
3. Unloading coal	500 00	
	<hr/>	32,013 36
B. Service Other Than Personal		
5. Cartage and freight	\$1 49	
8. Light and power	544 84	
11. Insurance	241 75	
13. Communication	55 49	
39. Service not otherwise coded	349 50	
	<hr/>	1,193 07
C. Equipment		
13. Tools and instruments	39 50	
17. Equipment not otherwise coded	475 42	
	<hr/>	514 92
D. Supplies		
1. Office	\$15 00	
2. Food and ice	47 54	
3. Fuel	19,505 95	
5. Medical, surgical, laboratory	5 00	
8. Laundry, cleaning	31 80	
16. Supplies not otherwise coded	2,600 79	
	<hr/>	22,206 08
E. Materials		
13. Materials not otherwise coded	\$452 29	452 29
	<hr/>	
Total Expenses for Pumping		\$56,379 72

Reservoirs

A. Personal Service		
1. Permanent employees	\$35,256 11	
2. Temporary employees	3,467 50	
	<hr/>	\$38,723 61
B. Service Other Than Personal . .		
4. Transportation of persons	\$125 00	
5. Cartage and freight	49	
6. Hire of teams and auto trucks	150 00	
8. Light and power	21 67	
10. Rent, taxes, water	39 38	
13. Communication	169 70	
14. Motor vehicles, care and repair	4 00	
18. Cleaning, vaults, etc.	360 00	
22. Medical	28 00	
35. Fees	4 00	
39. Service not otherwise coded	43 80	
	<hr/>	946 04
C. Equipment		
13. Tools and instruments	\$74 77	
17. Equipment not otherwise coded	84 45	
	<hr/>	159 22
D. Supplies		
3. Fuel	\$62 50	
11. Motor vehicles, gasoline and oil	221 14	
16. Supplies not otherwise coded	196 60	
17. Motor vehicle parts	149 96	
	<hr/>	630 20
E. Materials		
13. Materials not otherwise coded	\$473 65	473 65
	<hr/>	
F. Special Items		
10. Police protection fund	3,453 70	3,453 70
	<hr/>	
Total Expenses for Reservoirs		\$44,386 42

Filtration Account

A. Personal Service		
1. Permanent employees	\$25,661 32	\$25,661 32
	<hr/>	
B. Service Other Than Personal		
5. Cartage and freight	\$ 91	
8. Light and power	6,859 00	
13. Communication	76 48	
39. Service not otherwise coded	162 00	
	<hr/>	7,098 39

C. Equipment		
13. Tools and instruments	\$21 31	
17. Equipment not otherwise coded	99 04	
	<hr/>	\$120 35
D. Supplies		
1. Office	\$8 15	
3. Fuel	1,499 75	
5. Medical, surgical, laboratory	116 46	
8. Laundry, cleaning	11 30	
13. Chemicals and disinfectants	12,479 65	
16. Supplies not otherwise coded	523 55	
	<hr/>	14,638 86
E. Materials		
13. Materials not otherwise coded	\$41 42	41 42
	<hr/>	
F. Special Items		
11. Workingmen's Compensation	\$149 14	149 14
	<hr/>	
Total Expenses for Filtration		\$47,709 48

EXPENDED

JANUARY 1, 1939 TO DECEMBER 31, 1939

	General Maintenance Account	Pumping Account	Reservoirs Account	Filtration Account
A.....	\$152,101 80	\$32,013 36	\$38,723 61	\$25,661 32
B.....	5,737 27	1,193 07	946 04	7,098 39
C.....	2,429 60	514 92	159 22	120 35
D.....	4,463 83	22,206 08	630 20	14,638 86
E.....	20,657 12	452 29	473 65	41 42
F.....	45,918 48	.....	3,453 70	149 14
	<hr/>	<hr/>	<hr/>	<hr/>
	\$231,308 10	\$56,379 72	\$44,386 42	\$47,709 48

Add

Maturing debt serial loan	58,500 00
Interest on debt	27,255 00

Total..... \$317,063 10

EXPENDED IN 1939

Total expenditures

General Maintenance.....	\$317,063 10
Pumping.....	56,379 72
Reservoirs.....	44,386 42
Filtration.....	47,709 48

Total expenditures on Maintenance Accounts

\$465,538 72

Expended, Cleaning water mains \$18,492 included in above figures.

Deduct

Maturing debt serial loan.....	\$58,500 00
Interest on debt.....	27,255 00
Cleaning water mains.....	18,492 00
Received from new supplies, renewing supplies, and cleaning supplies.....	10,760 67

115,007 67

Leaving for operating expenses.....

\$350,531 05

Cost per million gallons (4,443,447,390)

Based on General Maintenance expenses (\$317,063 10).....	\$71 35
Based on Pumping expenses (\$56,379 72).....	12 68
Based on Filtration expenses (\$47,709 48).....	10 73
Based on total operating expenses (\$350,531 05).....	78 88
Based on total expenses (\$465,538 72).....	104 76

INVENTORY OF PROPERTY OWNED BY THE WATER DEPARTMENT
DECEMBER 31, 1939

Adams Street, land.....	\$11,400 00	
Auburn Street		
Land.....	15,500 00	
Buildings.....	16,800 00	
Stock and tools.....	20,000 00	
Auto equipment.....	10,000 00	
Concord Avenue		
Land.....	\$32,310 00	
Buildings.....	4,000 00	
Tools, etc.....	800 00	
Cushing Street.....	\$20,500 00	
Fresh Pond Lane.....	89,100 00	
Grove Street Rear.....	9,500 00	
Huron Avenue.....	6,500 00	
Kingsley Park.....	8,000 00	
Lake View Avenue.....	20,000 00	
Lexington Avenue, buildings.....	10,000 00	
Massachusetts Avenue, City Hall, Office.....	\$1,000 00	
Vassal Lane.....	900 00	
Worthington Street		
Land.....	\$20,200 00	
Buildings.....	115,000 00	
Pumps.....	270,000 00	
Boilers.....	55,000 00	
East Side House.....	5,000 00	
Woodlawn Avenue.....	\$15,500 00	
Blanchard Road.....	100 00	
Blanchard Road.....	100 00	
Fitchburg Railroad.....	100 00	
		\$757,310 00
Main pipe, hydrants, gates, etc.....	\$5,570,924 00	
63" conduit.....	654,139 00	
Stony Brook conduit.....	300,000 00	
Filtration plant and equipment.....	1,050,774 00	
Payson Park pipe line and reservoir.....	322,793 00	
Stony Brook reservation.....	722,093 00	
Stony Brook gate house.....	775 00	
Hobbs Brook reservation.....	1,187,196 00	
Fresh Pond.....	584,491 00	
Conduits Broad Canal.....	22,336 00	
		\$11,172,831 00

The Pitometer Survey was completed in March. The scope of the work covered, included:

A division of the section into sixteen districts and a measurement of the water consumption in each for a period of twenty-four hours.

Further investigation in all districts where excessive waste was indicated by the Pitometer for the purpose of locating all underground leaks in the mains and services.

Tests for accuracy of all meters larger than three inches in size in place, under normal conditions without removal; and tests of large consumers for the purpose of detecting unauthorized use through fire lines or otherwise.

Special simultaneous gaugings of the 40-inch supply main from Payson Park Reservoir to Huron and Chilton Street together with gaugings on the important distribution mains branching therefrom.

The preparation of a map of the distribution system, showing the locations of all Pitometer gauging points, district boundaries, etc. This map, together with the original tracing, has been filed with the City Engineer, a photostatic copy being included with the report of the Pitometer Company.

In a test for leakage on the 40-inch supply main from Payson Park Reservoir to Huron Avenue and Chilton Street, it was found that the quantity of water passing through the gauging point at Chilton Street agreed within three per cent of that leaving Payson Park Reservoir, showing that leakage, if any, would not be serious.

A further test of the 40-inch main from Chilton Street to Massachusetts Avenue at Cambridge Common was made, and minor leaks discovered which were immediately repaired.

The 24-inch main on Cambridge Street from the Common to Hampshire Street was tested, and leakage, if any, was found too small to be measured.

The net result of the survey showed one hundred odd leakages of approximately 500,000 gallons per day. All recommendations as suggested by the Pitometer engineers, regarding defective valves, etc., have been carried out, and our figures showed a net saving of approximately \$5,000.00 per year after leaks had been repaired.

Recommendation of the Pitometer Company that certain

main pipe throughout the City be cleaned has been followed, and 61,640 feet of pipe ranging from 24-inch to 6-inch have been put in first-class condition, through contract with the National Water Main Cleaning Company of New York. This work was completed on November 23, 1939.

In April, the Department of Conservation, Division of Fisheries and Game, Commonwealth of Massachusetts, requested permission to take bass from our reservoirs, but after due consideration, the Water Board deemed it inadvisable to allow reservoirs to be used for that purpose.

In April, the Board voted to oppose House Bill No. 2061 relating to compulsory entrance into the Metropolitan Water System for the following reasons:

When the Metropolitan Water District was established, the Water Board of the City of Cambridge, after due consideration and careful investigation, decided that it would be unwise to join said system.

First: Because in the opinion of eminent engineers the Cambridge Water Supply, with inexpensive additions, was sufficient to meet the needs of our City up to 1960.

Second: The entrance fee and cost of water would necessitate the increase in water rates.

From time to time pressure has been put on the Cambridge Water Department to have them join the Metropolitan System rather than make contemplated improvements involving an expense of from \$200,000.00 to \$800,000.00, but experts employed by the Water Department always recommended that the expenditures were justified and a better quality of water, and a plentiful supply, at a low rate, would always be available for the people of Cambridge.

In 1930, when other improvements were being considered by the Cambridge Water Board, a group of citizens requested that the matter should first be taken up with the Metropolitan District Commission to see if it would not be advisable to join the Metropolitan System, rather than make the improvements. On August 4, 1930, the Water Board received a notice from David B. Keniston, Commissioner, stating:

(1) That the entrance fee for admission for Cambridge to the District would be \$2,620,000.00.

(2) Assessment "this" year would be \$312,000.00 (making cost of water per million gallons about \$66.00).

(3) If Cambridge became a member and agreed to use a definite amount of water from its own system for a period of time mutually agreed upon, an allowance on water furnished would be made at about \$44.00 per million gallons.

(4) In the event of a water shortage, Cambridge would be furnished with an emergency supply at the rate of \$94.00 per million gallons.

The Board decided to make the improvements, and engaged Hazen & Everett to make a study as to the present and future requirements of the Cambridge Water System. In February 1931, certain recommendations were made to the Board, showing that at the present time our supply was sufficient for all our needs, and, when necessary, an additional supply of approximately 5,000,000 gallons per day could be obtained from Spencer Brook at an expense of approximately \$600,000.00.

The Cambridge Water Supply of today is sufficient for all our needs, both present and future. In addition, our water is purified and the cost to the consumer is ten cents per hundred cubic feet.

The present population of Cambridge is 118,000, while the experts' estimates placed the population for 1925 at 162,000; for 1930, 178,000; 1940 approximately 185,000, and it was on the basis of this increase in population that engineers recommended that an additional supply might be needed.

With the population in 1939 at 118,000, it means that Cambridge has its own source of water, capable of safely supplying inhabitants for years to come. As our area of less than six square miles does not allow for any great expansion, improvements and additions to existing structures will not increase our consumption to any great extent.

During the year 1938, our entire supply of water came from Stony Brook and Fresh Pond, it being unnecessary to open the gates at Hobbs Brook for over fifteen months. During the year 1938, 4,270,183,000 gallons of water flowed into the Charles River from the Stony Brook overflow.

In 1905, Cambridge purchased a small amount of water from the Metropolitan District Commission while the Stony Brook line was being repaired, but since that year we have not found it necessary to purchase water, although the connecting gate at

Cambridge Common has been opened a few times to satisfy the Board of Fire Underwriters while repairs were being made on certain of our large gates. Regarding the connection at the Common, our experts have advised at different times that it was just as valuable to the Commonwealth to be connected with the Cambridge system as it was for the Cambridge system to be connected with the Metropolitan system, inasmuch as the level of the Cambridge Reservoir is higher than the level of Spot Pond, and would give the Metropolitan Department relatively higher pressure than would be obtained by the Cambridge Department, if we were using State water.

Our daily average pumpage:

	<i>Gallons</i>
For the year 1936.....	12,478,000
For the year 1937.....	12,002,241
For the year 1938.....	11,680,352

Our low pumpage is due in a great measure to the fact that 99 per cent of our supplies are metered.

The cost of the Water Works to December 31, 1938, amounts to \$9,250,466.68.

As our present system is regarded by experts as sufficient to supply the needs of the people of Cambridge for the next thirty years, with an opportunity to develop an additional 5,000,000 gallons per day at a very low cost, and due to the fact there has been expended during the past twenty years for improvements to system the sum of \$2,526,385.00, and that purified water is furnished to the inhabitants at a very low cost, the Water Board oppose any action that might be taken by the Massachusetts Legislature which would compel the City to join a system which the citizens feel is unnecessary and undesirable.

The City Council of Cambridge also opposed action to force Cambridge to join the Metropolitan water system.

His Honor, the Mayor, reappointed Dr. George F. McInnes as a member of the Water Board for term of five (5) years from June 30, 1939, and reappointed Mr. Thomas H. O'Hara as a member of the Water Board for a term of five (5) years from June 30, 1938.

The following WPA project was completed, with the Govern-

ment granting \$9,372, while the contribution of the Water Department amounted to approximately \$3,000:

“Improve Stony Brook and Hobbs Brook Reservations and pipe line right-of-way in the City of Waltham and the towns of Lexington, Lincoln and Watertown, all in Middlesex County, including treating, trimming, cutting and removing trees; removing stumps; filling; and performing appurtenant and incidental work.”

On November 13, the Board voted there would be no objection to filling in of land under Bridge at Huron Avenue, connecting Holworthy Street, as considered by the City Engineer.

The question of allowing Louis W. Dean to continue to operate a piggery in the Town of Lincoln is still before the courts of the Commonwealth, and an early decision is hoped for.

The following mains have been laid during the year:

	<i>Feet</i>	<i>Inches</i>
Westacott Court.....	153½	4
Fresh Pond overflow pipe.....	108	24
Bolton Street.....	280	6
	<hr/>	
	541½	

DR. GEORGE F. McINNES, *Chairman*

HENRY L. SKELLEY

THOMAS H. O'HARA

TIMOTHY F. McCARTHY

JOHN J. FOLEY

Cambridge Water Board.

The following employees have been pensioned during the year: Lawrence F. Murray, employed since 1922, pensioned May 22, 1939; John McDowell, employed since 1922, pensioned September 1, 1939; John J. Harrington, employed since 1915, pensioned November 1, 1939; Timothy Sughrue, employed since 1922, pensioned December 27, 1939; Jeremiah M. Nolan, employed since 1916, pensioned December 31, 1939. The following active employees passed away during the year: Thomas H. Mahoney, employed since 1924, died May 12, 1939; Joseph Reagan, employed since 1922, died July 24, 1939; Timothy Callaghan, employed since 1911, died August 31, 1939; William J. O'Brien, employed since 1911, died November 4, 1939. All these men in the past have rendered faithful service to the department.

TIMOTHY W. GOOD,
General Superintendent.

CITY OF CAMBRIDGE
MASSACHUSETTS

ANNUAL REPORT

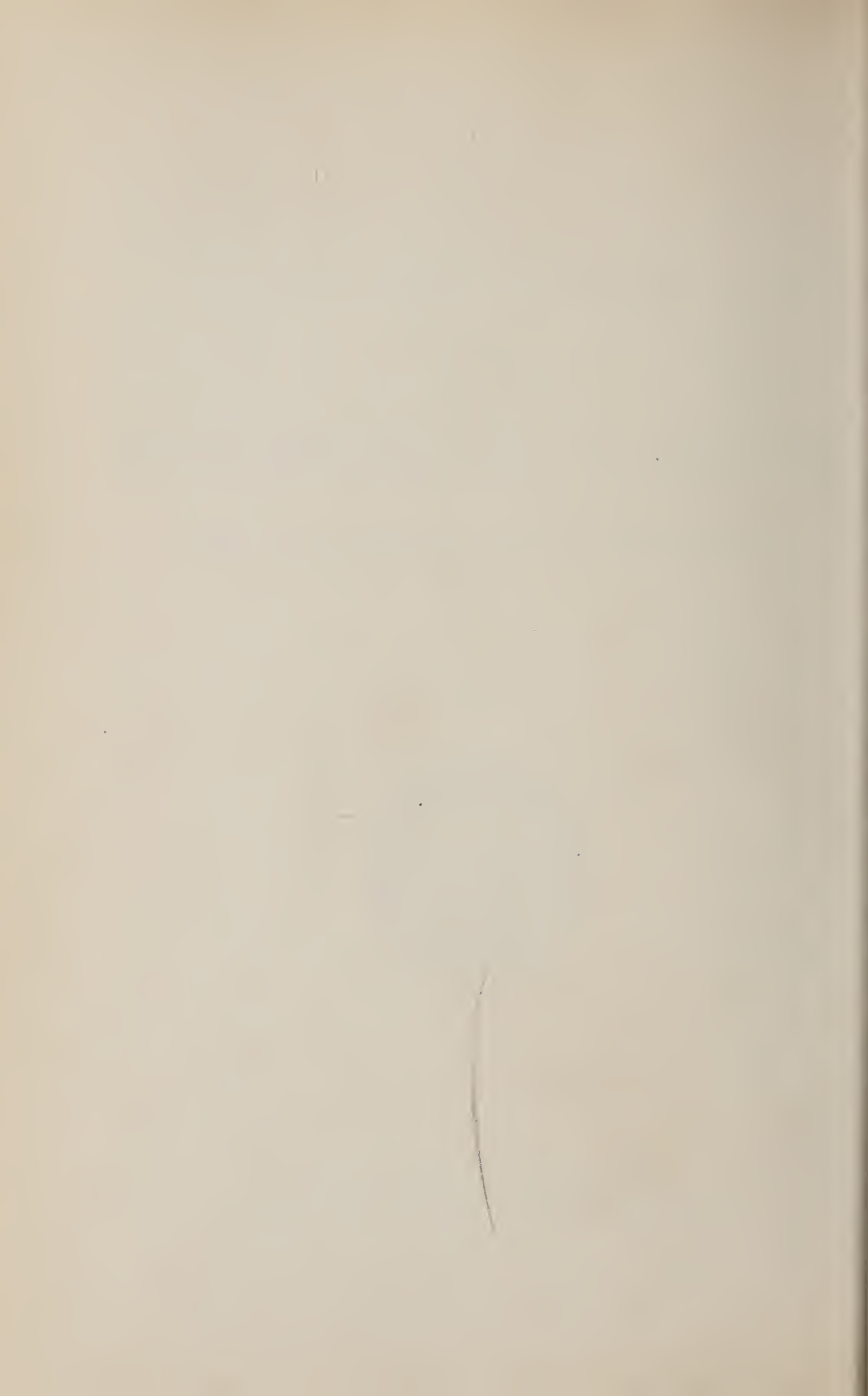
OF THE

BOARD OF HEALTH

For the Year Ending December 31, 1939



PRINTED FOR THE DEPARTMENT
UNDER THE DIRECTION OF THE CITY CLERK



ORGANIZATION OF HEALTH DEPARTMENT

BOARD OF HEALTH

DAVID J. NELLIGAN, *Chairman*

JOHN J. HENDERSON

LEO T. MYLES, M.D.

Agent and Clerk

JOHN D. CROWLEY

Medical Inspector

SIMON B. KELLEHER, M.D.

Office

MARGARET C. FITZGERALD
HELEN C. MORAN

CATHERINE J. DONOVAN†
MARY F. LYONS

Social Worker

C. ISABEL TORNEY

Bacteriologist and Inspector of Milk

ROBERT E. BEMIS, Ph.C.

Laboratory Assistants

Collector of Cultures

WARREN G. MURPHY

Collector of Samples

THOMAS J. COLLINS

Inspectors of Food and Provisions also Inspectors of Slaughtering

JOSEPH L. JOHNSON
JOSEPH P. MURPHY

RICHARD J. NIXON
WALTER A. ROWE

Housing and Plumbing Inspector

AUGUSTINE M. JOHNSON

Sanitary Inspectors

EUGENE P. CALLAHAN
WILLIAM J. HALEY

DANIEL J. MURPHY
JOSEPH H. C. SAMPSON

School Physicians

FRANCIS T. DOWNEY, M.D.
SAMUEL E. CHALFEN, M.D.
MORRIS L. DRESSLER, M.D.
MYER MARLIN, M.D.
CHARLES M. HUTCHINGSON, M.D.
JOHN P. NELLIGAN, M.D.
DALTON C. O'BRIEN, M.D.

THOMAS J. CAHILL, M.D.‡
JOHN F. FAIR, M.D.
GEORGE A. WHITE, M.D.
FRANCIS J. BARNES, M.D.
JOSEPH M. WADDEN, M.D.
JEREMIAH A. GREENE, M.D.
JEREMIAH J. BOYLE, M.D.*

*Resigned. †Gratis. ‡Deceased.

School Nurses

MARY C. CHURCH, R.N., *Chief*
 CATHERINE M. BURKE, R.N. MARGARET McINERNEY, R.N. †
 BEATRICE E. HAYDEN, R.N. ELIZABETH SULLIVAN, R.N.
 ELIZABETH HAYDEN, R.N. HELEN F. O'ROURKE, R.N.
 ANNA M. DUNDON, R.N. MADELINE C. RELLIS, R.N.
 MILDRED C. DOHERTY, R.N. HELEN E. ANZELONE, R.N.
 LILLIAN MAHONEY, R.N.

DENTAL CLINICS

EMILY M. LUCK, D.M.D., *Supervisor*

Dentists

MATTHEW F. SHEA, D.M.D.
 WALTER L. CRONIN, D.M.D.
 WILLIAM H. MORAN, D.M.D.
 GEORGE A. WHITE, D.M.D.
 JOHN L. McCARTHY, D.M.D.
 HERBERT L. SMOLAR, D.M.D.
 EDWARD ROSENBERG, D.M.D.
 JULIAN B. DOHERTY, D.M.D.

Assistants

HELEN ROACH
 ALICE S. LOGAN
 AGNES McCORMACK
 GRACE F. MANSFIELD
 KATHLEEN CASSIDY*
 GERTRUDE DuBOIS
 JOSEPHINE P. MOONEY
 JOAN KEANE

DIPHTHERIA IMMUNIZATION CLINICS

GEORGE A. WHITE, M.D.

KATHERINE McGRATH, R.N.

BABY CLINICS**Physicians†**

SAMUEL E. CHALFEN, M.D.
 SAMUEL A. CLEMENT, M.D.
 ALBERT POIRIER, M.D.
 ALEXANDER MAHLOWITZ, M.D.
 MYER MARLIN, M.D.

PHILIP SHEA, M.D.
 MAURICE S. DUCHIN, M.D.
 JACOB L. RUDD, M.D.
 HAROLD RUDY, M.D.
 JACOB FACTOR, M.D.

Nurses

BRIDGET A. HEANUE, R.N.
 MARY A. MacDONALD, R.N.

AGNES C. TOOLE, R.N.
 MARGARET M. GIBSON, R.N.†
 MARGARET N. H. McGRATH, R.N.

COMMUNICABLE DISEASE NURSES

LENORE MULQUEENY, R.N.†

MARY A. KENNEY, R.N.

MARGARET M. GIBSON, R.N.

TUBERCULOSIS DISPENSARY

(799 Concord Avenue)

PATRICK J. FLEMING, M.D., *Physician**

HELEN C. CUMMINGS, R.N.*
 MARGARET McINERNEY, R.N.

MARGARET N. H. McGRATH, R.N.†
 LENORE MULQUEENY, R.N.

TUBERCULOSIS HOSPITAL

(799 Concord Avenue)

WILLIAM R. MARTIN, M.D., *Resident Superintendent*
 HENRY D. CHADWICK, M.D., *Medical Director*
 MORRIS BRAVERMAN, M.D., *Resident Physician*
 FELIX F. McGIRR, *Visiting Physician*
 MARY A. BARRY, R.N., *Superintendent of Nurses*

*Resigned. †Transferred.

REPORT OF THE BOARD OF HEALTH

Cambridge, Mass., January 31, 1940.

To the Honorable City Council:

Submitting herewith the sixty-third annual report of the Board of Health of the City of Cambridge, which is for the year ending December 31, 1939.

The personnel of the Department, receipts and disbursements, statistics and summaries of the divisional reports are shown in detail. During the year the Board of Health held twelve regular monthly meetings and seven special meetings.

It is pleasant to report again the lowest general death rate in the history of our city (11.08), the second lowest tuberculosis death rate (42.6), and the lowest infant mortality rate on our records (35.00). Such rates, however, are based upon our past records and compared with rates of earlier days. Since the horizon of knowledge in public health science is being extended from year to year, we are slowly but surely bridging the gap between "what we know and what we do" in the accomplishment of which public health education is a vital factor.

During the year the Health Department lost the services of Dr. David L. Bolger, who served as Inspector of Animals from April 1, 1915 until his death, June 7, 1939; Helen C. Cummings, R.N., who served as Public Health Nurse from November 15, 1920 until her retirement on pension November 12, 1939; Helen A. Griffin, R.N., who was granted leave of absence from her duties as Supervisor of Nurses at the Tuberculosis Hospital, May 8, 1939, because of ill health. In June, Richard J. Nixon and Walter A. Row were added to the staff as Permanent Inspectors of Slaughtering, Food and Provisions, while December 1, 1939, Helen Anzelone, R.N., was added to the staff of public health nurses.

With the enlargement, renovation and modernization of the Tuberculosis Hospital, there were several major additions to the hospital staff; namely, Dr. Henry D. Chadwick, former State Commissioner of Public Health, on June 1 began service as Medi-

cal Director; September 1, Dr. William R. Martin, formerly of the Middlesex County Sanatorium and the State Division of Tuberculosis, began as Resident Superintendent; and December 1, Dr. Morris Braverman, formerly of the Middlesex County Sanatorium and the Detroit, Michigan, Sanatorium, began his service as Resident Physician, with Dr. Felix F. McGirr continuing as an attending physician. During the year, an occupational therapist, dietitian, chef, baker, as well as an X-ray and laboratory technician, three graduate nurses, two clerk-stenographers, as well as miscellaneous personnel, were added to the hospital staff, in compliance with the requirements of the State Department of Public Health.

Our Department continues its co-operation with the State Department of Public Health in its State-wide tuberculosis prevention program among school children. All high school students, whose parents consent, are tuberculin tested, X-rayed, and physically examined every three years. Our percentage of parental consents must be improved considerably if we are to obtain the intended benefits of this "Early Discovery-Early Recovery" program.

Our compilation of vital statistics in 1939 shows we had 1,353 deaths with a general death rate of 11.8, compared with 11.39 for 1938 and 13.4 for 1915, while our "corrected death rate," Cambridge residents only, was 10.67, compared with 10.57 in 1938 and 14.12 in 1915.

The general birth rate here for 1939 was 17.70, compared with 18.34 for 1938 and 28.7 in 1915. There were 77 stillbirths in 1939, compared with only 48 in 1938 and 118 in 1915.

Our infant mortality rate again reached an all-time low mark, with only 35 per 1,000 live births, compared with 37.8 in 1938 and 93.1 in 1915. Our maternal mortality rate for 1939 was 6.02, compared with 4.5 in 1938 and 3.4 in 1915.

The major causes of death in 1939 were: heart 299; cerebral hemorrhage 172; cancer 168; pneumonia 148; arteriosclerosis 124; pulmonary tuberculosis 43; diabetes 35; and chronic nephritis 32. These eight leading causes of death total 1,021, or seventy-four (74) per cent of all deaths in the city. Thirty-seven (37) per cent of all deaths were persons over seventy years of age, compared with only twenty-eight (28) per cent in 1929. We had seventeen (17) auto deaths in 1939 compared with twenty-three (23) in

1938, while we had only fourteen (14) deaths from alcoholism compared with twenty (20) in 1938, and we had the same number of suicides (seventeen) in 1939 and 1938.

We had 19 cases of diphtheria reported in 1939, compared with only six cases in 1938, while we had 358 cases and 38 deaths in 1915. Our pulmonary tuberculosis rate was again the second lowest in the history of our city, both for deaths within the city regardless of residents (35.23), as well as for Cambridge residents who died within and without the city (42.6).

Our Tuberculosis Hospital, now officially known as the Cambridge Sanatorium, had an average of 60 patients per day with a total of 22,193 patient days, at a total operating cost of \$73,043.06, or \$3.29 per patient per day. Our revenue for the care of patients at the Hospital was only \$10,746.22. The State subsidy, which has been discontinued since 1932 because our Hospital did not meet the requirements of the State Department of Public Health, is now resumed, inasmuch as Mayor Lyons obtained Federal (PWA) funds for an additional unit, which with the renovations and modernization of equipment and personnel brings our sanatorium up to first-class standard, with capacity for 100 beds. The Tuberculosis Dispensary now located at 14 Camelia Avenue (City Hospital Building) will be transferred to the Out Patient Department of the Sanatorium on February 1, 1940, at which time the medical service will be taken over by the Sanatorium staff.

The Board of Health expresses its sincere appreciation of the excellent co-operation and assistance given by the Mayor, City Council, city officials, the private health and welfare agencies, and all others who have contributed in maintaining the high standard of public health in Cambridge.

DAVID J. NELLIGAN, *Chairman*,
LEO T. MYLES, M.D.,
JOHN J. HENDERSON.

EXPENDITURES

EXPENDED FOR SALARIES

January 1 — December 31, 1939

Medical inspector	\$3,500 00	
Clerk	3,450 00	
Social worker	1,900 00	
Stenographers and clerks (3)	4,311 00	
Inspectors of provisions (4)	7,649 17	
Sanitary inspectors (4)	7,820 00	
Plumbing and housing inspector	2,700 00	
School nurses (11)	17,953 70	
School physicians (12)	4,967 46	
Infant welfare nurses (4)	6,500 00	
Contagious disease nurses (2)	3,400 00	
Inspector of slaughter	910 00	
Dispensary physician	800 00	
Dispensary nurses, tuberculosis (2)	3,101 80	
Physician — Schick clinics	1,500 00	
Clinic nurse (Schick)	1,700 00	
	<hr/>	\$72,163 13

EXPENDED FOR GENERAL EXPENSES

January 1—December 31, 1939

(A) Board and care:		
Scarlet fever	\$6,539 50	
Tuberculosis (State sanatoria)	9,969 00	
Tuberculosis (X-rays)	1,068 00	
Tuberculosis (Corey Hill Hospital — Dr. Overhalt)	230 42	
Anti-rabic treatment and serum	234 00	
Diphtheria	1,129 50	
Trachoma	24 00	
Whooping cough	414 00	
Measles	257 00	
Chicken pox	27 00	
Lobar pneumonia	24 00	
Suppurative conjunctivitis	245 13	
Septic sore throat	15 00	
Mumps	9 00	
Dental work	10 55	
	<hr/>	\$20,196 10
(B) Reimbursement of other cities and towns:		
Tuberculosis	\$302 90	
Scarlet fever	49 50	
Lobar pneumonia	31 50	
Suppurative conjunctivitis	97 51	
Measles	132 00	
Chicken pox	314 00	
	<hr/>	\$927 41
Printing and binding	\$81 00	
Postage	280 00	
Transportation of persons	825 00	
Communication (telephone)	233 09	
Motor vehicle repairs and care	80 25	
Care of persons (see A and B)	21,123 51	
Motor vehicle parts	70 77	
Fees, services of venires, etc.	8 00	

Schick clinic	\$52 13
School inspection	73 10
Infant welfare	49 79
Tuberculosis dispensary	33 75
Services not otherwise coded	3 50
Motor vehicle, gasoline and oil	104 48
Examination of school children	4,333 40

GENERAL EXPENSES

Rent, taxes and water	\$48 00
Eye glasses (needy school children)	1,050 64
Instruments (otoscope)	20 00
	<hr/>
	\$28,769 90

EXPENDED FOR TUBERCULOSIS HOSPITAL

January 1—December 31, 1939

Salaries:

Medical director	\$2,100 00
Resident superintendent	1,504 11
Resident physician	212 33
Physician	1,600 00
Interne	600 00
Superintendent of nurses	1,416 60
Assistant superintendent of nurses	1,242 47
Nurses	6,816 23
Cook	1,040 00
Baker	917 86
Dishwashers	1,641 93
General hospital workers	94 64
Laundresses	1,310 71
Launderer	728 00
Maids	2,000 01
Scrubwoman	614 29
Scrubman	660 00
Engineer	2,418 00
Fireman	6,500 00
Caretaker	780 00
Choreman	780 00
Chef	382 14
Occupational therapist	680 00
Dietitian	836 29
Clerk-stenographer	190 67
	<hr/>
	\$37,066 28

Vacation substitutes (including other substitute service) ..	\$1,942 08
--	------------

Postage	\$30 00
Cartage and freight	50
Light and power	798 91
Communication	182 50
Special surgical service	3,914 62
Service not otherwise coded	221 50
Sanitary equipment	24 00
Office supplies	176 52
Food and ice	19,816 14
Fuel	5,121 15
Medical, surgical and laboratory supplies	1,925 38
Laundry — cleaning	559 77

Chemical and disinfectants	\$18 44	
Supplies not otherwise coded	453 40	
Bedding and linen	56 25	
Engine and fireroom supplies	332 06	
Occupational therapy	276 25	
Insect extermination	47 00	
Electrical equipment	9 00	
Workmen's compensation	79 31	
	<hr/>	\$34,032 70

EXPENDED FOR LABORATORY

January 1—December 31, 1939

Salaries:

Technician	\$3,000 00	
Collector of samples	2,350 00	
Collector of cultures and laboratory assistant	1,750 00	
	<hr/>	\$7,100 00
Substitute (Bacteriologist) vacation		\$35 00
Motor vehicles, repair and care	\$23 00	
Fees, services of venires, etc.	2 00	
Office supplies	55 78	
Medical, surgical, laboratory	86 75	
Motor vehicle, gasoline and oil	49 94	
Motor vehicle parts	13 32	
Postage	10 00	
Transportation of persons	10 00	
	<hr/>	\$250 79

EXPENDED FOR DENTAL CLINICS

January 1—December 31, 1939

Salaries:

Dentists	\$11,800 00	
Assistants	3,300 00	
	<hr/>	\$15,100 00
Services not otherwise coded	\$9 85	
Office supplies	9 25	
Medical, surgical	634 54	
	<hr/>	\$653 64

BOARD OF HEALTH RECEIPTS

January 1—December 31, 1939

Contagious diseases (including all but tuberculosis):

State	\$3,545 00	
Cities and towns	1,646 50	
Individuals	219 00	
Middlesex County commissioners (dog bite)	51 00	
	<hr/>	\$5,461 50

TUBERCULOSIS

State	\$9,714 00	
Cities and towns	736 50	
Subsidy	295 72	
	<hr/>	\$10,746 22

LICENSES

Alcohol (denatured)	\$9 00	
Barber shops	161 00	
Beverages	100 00	
Garbage, grease and bones	18 00	
Massage	39 00	
Massage establishments	11 00	
Vapor baths	5 00	
	<hr/>	\$343 00
Milk (dealers and stores)	\$476 00	
Oleomargarine	45 00	
Ice cream manufacturers	457 00	
Pasteurization	30 00	
	<hr/>	\$1,008 00
Dental clinic registration fee		\$570 60

VITAL STATISTICS

DEATH RATE PER 1,000 LIVING FOR ALL CAUSES
POPULATION 122,062 JULY 1, 1939

1930	1931	1932	1933	1934	1935	1936	1937	1938	1939
11.86	11.93	12.09	12.23	11.67	12.03	12.02	12.02	11.39	11.08
11.20	11.04	11.30	11.70	11.54	11.63	11.49	11.35	10.57	10.67

The upper row gives the death rate of all deaths in Cambridge; that is, it includes the non-residents that died in the city, but excludes Cambridge residents who died outside the city. The lower row of rates includes Cambridge residents who died outside the city, and excludes non-residents who died in Cambridge.

The figures given for population are estimated by the method adopted by the Bureau of Census. The mean annual death rate for ten years, 1930 to 1939 inclusive, is 11.83. This includes non-residents who died in the city. The mean annual death rate, excluding non-residents but including Cambridge residents who died outside the city, is 11.25.

Table A gives causes of deaths by ages, in accordance with the International Classification of Causes of Deaths, of those persons who died in Cambridge, and includes non-residents.

Table B gives number of cases reported, the morbidity per 100,000 living, death rate per 100,000 living, including residents who died outside the city, and death rate per 100 cases reported of diphtheria, scarlet fever and typhoid fever for the years 1930 to 1939, inclusive.

Table C gives the death rate per 100,000 living for cancer, diarrheal diseases, whooping cough, heart disease, pneumonia, and tuberculosis, for the years 1930 to 1939, inclusive. In this table, the upper part is that derived from the number of deaths of Cambridge residents who died within or without the city. Non-residents in Cambridge are excluded. The lower number is derived from the actual number of deaths in the city and includes non-residents but excludes Cambridge residents who died outside of Cambridge.

Table D gives the morbidity reports by weeks.

Table E gives the morbidity reports by month and by ward.

Table F gives morbidity distribution by diseases, sex, and age group.

Table G gives morbidity, population and area, by ward, for entire year.

Table H gives mortality (all causes) by months and by ward.

Table I gives diphtheria morbidity, by months, for a decade.

TABLE A — Continued

[illegible]

TABLE A — Continued

[illegible]

TABLE B

	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939
Diphtheria	90	53	69	50	14	2	3	3	6	19
	79.1	43.8	60.2	43.5	11.21	1.67	2.51	2.49	4.95	15.65
	4.39	4.38	3.44	1.74	0.00	0.00	0.00	0.00	.82	.81
	5.55	9.44	5.79	4.00	0.00	0.00	0.00	0.00	33.33	5.26
Scarlet Fever	429	514	505	344	216	202	269	327	380	151
	385	452	441	299	187	170	216	278	313	123
	0.00	1.75	3.44	1.74	3.47	1.87	0.00	.831	.82	0.00
	0.00	3.87	.790	.57	1.85	.990	0.00	.306	.263	0.00
Measles	1,414	408	407	623	2,094	2,185	1,256	128	261	2,345
	1,244	361	355	542	1,816	1,850	1,051	106	215	1,920
	5.28	.876	1.76	1.74	2.60	0.00	1.67	0.00	.82	0.00
	.425	.002	.049	.032	.143	0.00	.159	0.00	.383	0.00
Typhoid Fever	7	6	4	6	12	1	3	4	3	3
	6.15	5.25	3.49	5.22	10.40	.890	2.51	3.32	2.47	2.45
	.879	0.00	1.76	2.61	.865	0.00	0.00	.83	.82	0.00
	14.28	0.00	.50	22.22	8.83	0.00	0.00	.25	33.33	0.00

TABLE C
(per 100,000)

	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939
Cancer.....	134.5 158.2	120.9 138.4	135.36 153.0	130.5 148.70	149.2 116.5	135 156	154.9 183	145.4 162.9	139 153	130 137
Diarrheal Diseases.....	7.92 6.15	1.75 4.38	.000 .009	1.74 .87	.867 .867	13.50 13.50	1.67 0.00	2.49 2.49	4.12 2.48	1.63 .819
Whooping Cough.....	7.03 3.51	3.50 3.50	5.23 4.36	1.74 .87	3.47 3.47	5.90 1.87	0.00 0.00	3.32 1.66	1.65 .82	2.45 .819
Heart Diseases.....	162.6	227.8	238	198.4	224.6	229.5	228.1	245.2	226.9	245.7
Pneumonia.....	145.0 129.3	114.7 116.5	126 130	131.43 140.12	136.1 134.4	145.4 140.0	156.5 152.4	133.01 132.18	116.9 130.3	122.0 121.3
Pulmonary Tuberculosis.....	61.55 61.54	67.47 60.46	62.00 59.38	52.22 45.26	46.84 43.37	50.62 47.24	57.78 43.54	40.73 32.42	43.73 37.13	42.60 35.22

In this table, the upper number is that derived from the number of deaths of Cambridge residents who died within or without the city. Non-residents dying in Cambridge are excluded.
The lower number is derived from the actual number of deaths in the city and includes non-residents, but excludes Cambridge residents who died outside of Cambridge.

TABLE D — 1939

	Diphtheria	Scarlet Fever	Measles	Chicken Pox	Whooping Cough	German Measles	Mumps	Typhoid Fever	Pulmonary Tuberculosis	Hilum Tuberculosis	Other Forms of Tuberculosis	Lobar Pneumonia	Cerebrospinal Meningitis	Ophthalmia Neonatorum	Suppurative Conjunctivitis	Septic Sore Throat	Bites of Animals	Anterior Poliomyelitis	Paratyphoid B	Contact with Rabid Animal	Bacillary Dysentery	Tetanus	Pellagra	Malaria	Trachoma	Totals
Week Ending																										
January																										
7...	0	8	13	2	13	0	3	0	2	0	0	4	0	0	0	0	0	3	0	0	0	0	0	0	1	49
14...	1	6	45	14	19	1	7	0	1	0	0	3	1	0	0	0	0	4	0	0	0	0	0	0	0	102
21...	0	7	37	8	28	2	4	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	90
28...	0	5	90	5	15	3	6	0	1	0	0	5	0	0	0	0	0	4	0	0	0	0	0	0	0	137
February																										
4...	0	6	100	11	25	0	6	0	0	1	0	6	0	0	0	0	0	5	0	0	0	0	0	0	0	160
11...	0	6	286	23	40	4	9	0	0	0	0	9	0	0	0	0	10	3	0	0	0	0	0	0	0	387
18...	2	3	234	18	20	4	9	0	0	0	0	16	0	0	0	0	16	5	0	0	0	0	0	0	0	318
25...	0	5	298	34	34	3	6	0	0	0	0	11	0	0	0	0	7	0	0	0	0	0	0	0	0	284
March																										
4...	0	7	153	17	33	3	6	0	0	0	0	9	0	0	0	0	10	1	0	0	0	0	0	0	0	247
11...	0	5	176	13	14	1	15	0	0	0	0	9	0	0	0	0	10	11	0	0	0	0	0	0	0	170
18...	0	9	114	5	51	2	9	0	0	0	0	11	0	0	0	0	8	11	0	0	0	0	0	0	0	233
25...	1	5	130	17	27	1	10	0	0	0	0	10	0	0	0	0	13	16	0	0	0	0	0	0	0	172
April																										
1...	0	2	79	11	30	0	15	0	0	0	1	11	0	1	0	0	10	13	0	0	0	0	0	1	0	139
8...	0	3	54	2	34	1	9	0	0	0	0	4	0	1	0	0	16	10	0	0	0	0	0	0	0	132
15...	0	2	72	5	14	0	5	0	0	0	0	11	0	1	0	0	10	16	0	0	0	0	0	0	0	118
22...	0	3	61	11	19	1	6	0	0	0	0	11	0	1	0	0	11	11	1	0	0	0	0	0	0	128
29...	0	4	71	8	9	1	6	0	0	0	0	6	0	1	0	2	8	11	0	0	0	0	0	0	0	94
May																										
6...	1	3	56	2	23	2	10	0	0	0	0	1	0	0	0	0	11	19	0	0	0	0	0	0	0	151
13...	0	10	64	10	8	1	2	0	0	0	0	8	0	0	0	1	24	12	0	0	0	0	0	0	0	127
20...	0	4	55	21	14	1	3	0	0	0	0	5	0	0	0	0	12	18	0	0	0	0	0	0	0	89
27...	0	3	41	6	10	1	3	0	0	0	0	6	0	0	0	0	18	18	0	0	0	0	0	0	0	98
June																										
3...	0	0	36	19	4	0	5	0	0	0	0	3	0	0	0	0	17	18	0	0	0	0	0	0	0	65
10...	0	0	18	14	7	1	9	0	0	0	0	4	0	0	0	0	17	17	0	0	0	0	0	0	0	99
17...	0	4	27	27	6	1	0	0	1	0	0	2	0	0	0	0	18	17	0	0	0	0	0	0	0	41
24...	0	1	3	9	6	1	0	0	0	1	0	2	0	0	0	0	18	18	0	0	0	0	0	0	0	41

TABLE D — Continued

	Diphtheria	Scarlet Fever	Measles	Chicken Pox	Whooping Cough	German Measles	Mumps	Typhoid Fever	Pulmonary Tuberculosis	Hilum Tuberculosis	Other Forms of Tuberculosis	Lobar Pneumonia	Cerebrospinal Meningitis	Ophthalmia Neonatorum	Suppurative Conjunctivitis	Septic Sore Throat	Bites of Animals	Anterior Poliomyelitis	Paratyphoid B	Contact with Rabid Dog	Bacillary Dysentery	Tetanus	Pellagra	Malaria	Trachoma	Totals
July	0	1	7	11	18	0	3	1	5	0	1	1	0	0	1	0	0	18	0	0	0	0	0	0	0	57
1...	0	1	7	11	18	0	3	1	5	0	1	1	0	0	1	0	0	18	0	0	0	0	0	0	0	30
8...	0	1	2	36	38	0	1	0	0	0	0	0	0	0	0	0	13	0	0	0	0	0	0	0	0	63
15...	0	0	3	26	1	0	1	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	19
22...	0	0	3	0	3	0	1	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	16
29...	0	0	3	3	1	0	1	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	18
5...	0	0	3	1	3	0	1	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	28
12...	0	1	0	0	3	0	0	0	0	0	0	0	0	0	0	0	11	0	0	0	0	0	0	0	0	18
19...	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	25
26...	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	15
September 2...	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	11
9...	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	19
16...	0	3	0	0	4	0	0	0	0	0	0	0	0	0	0	0	17	0	0	0	0	0	0	0	0	29
23...	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	26
30...	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	15
October 7...	2	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	21
14...	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	31
21...	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	31
28...	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	13
November 4...	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	19
11...	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	13
18...	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	17
25...	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	32
December 2...	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	28
9...	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	23
16...	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	46
23...	0	6	0	0	1	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	44
30...	3	7	2	10	2	0	1	0	1	1	0	3	4	0	0	0	8	3	0	0	0	0	0	0	0	60
Totals.....	19	151	2,345	494	600	41	191	2	110	5	14	208	4	4	8	9	534	1	1	0	30	0	0	1	2	4,774

TABLE E

Ward	1939 Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
DIPHTHERIA	1	0	0	0	0	0	0	0	0	0	0	0	0
	2	0	2	0	0	0	0	1	0	1	1	0	5
	3	0	0	0	0	0	0	0	0	1	0	0	1
	4	0	0	0	0	0	0	0	0	0	0	0	0
	5	0	0	0	0	0	0	0	0	0	1	3	4
	6	1	0	0	0	1	0	0	3	1	1	0	7
	7	0	0	0	0	0	0	0	0	0	0	0	0
	8	0	0	0	0	0	0	0	0	0	0	0	0
	9	0	0	1	0	0	0	0	0	0	0	0	1
	10	0	0	0	0	0	0	0	0	0	1	0	1
	11	0	0	0	0	0	0	0	0	0	0	0	0
Total	1	2	1	0	1	0	0	1	3	3	4	3	19
SCARLET FEVER	1	2	0	1	2	1	3	0	0	0	0	1	10
	2	0	2	1	2	5	0	3	0	1	0	0	14
	3	4	2	2	1	0	0	1	0	0	1	3	14
	4	2	1	1	1	2	0	0	2	0	0	0	9
	5	3	3	6	2	8	1	0	0	0	0	2	25
	6	3	2	1	2	0	0	0	2	1	1	0	12
	7	1	1	1	0	2	0	0	2	0	1	0	8
	8	0	2	1	1	1	0	0	0	0	0	2	7
	9	5	5	2	0	1	1	0	1	0	0	6	21
	10	1	2	1	0	1	2	0	1	1	3	1	13
	11	6	4	6	0	0	0	0	0	1	0	1	18
Total	27	24	23	11	21	7	4	2	7	3	6	16	151
MEASLES	1	32	137	70	19	2	0	0	1	0	0	0	261
	2	66	194	64	9	1	3	3	0	0	0	2	342
	3	18	100	32	6	1	2	0	1	1	0	1	162
	4	15	67	27	16	1	2	0	0	0	0	0	128
	5	16	195	64	10	6	1	6	0	0	0	1	299
	6	25	135	96	13	9	0	0	0	0	1	0	279
	7	8	31	27	20	19	6	2	0	0	0	0	113
	8	4	5	5	22	44	12	1	1	0	1	0	95
	9	3	19	107	52	60	9	2	0	0	0	0	252
	10	3	16	38	46	77	21	0	0	0	0	0	201
	11	20	39	71	51	15	16	1	0	0	0	0	213
Total	210	938	601	264	235	72	15	3	1	0	2	4	2,345
CHICKEN POX	1	10	19	11	5	35	19	1	1	0	0	28	131
	2	0	2	8	2	2	3	6	0	1	3	3	30
	3	1	3	2	0	0	14	11	0	1	1	4	37
	4	0	0	0	0	0	8	8	0	0	2	3	21
	5	2	3	1	0	0	0	0	2	0	8	25	42
	6	0	1	0	0	1	3	1	0	1	4	13	25
	7	0	1	1	4	5	5	0	1	1	0	2	20
	8	1	1	1	1	2	3	0	0	1	1	4	15
	9	4	10	12	3	3	5	1	0	0	0	12	50
	10	14	24	32	10	1	3	1	0	0	3	3	91
	11	2	5	8	2	2	5	1	0	1	0	6	32
Total	34	69	76	27	51	68	30	4	2	6	24	103	494

TABLE E — Continued

Ward		1939 Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
WHOOPING COUGH	1	14	19	7	8	3	9	6	11	1	0	2	4	84
	2	4	17	17	11	7	0	2	1	5	2	0	1	67
	3	10	21	21	8	3	0	0	1	0	2	0	0	66
	4	4	12	8	4	2	0	0	0	0	1	0	0	31
	5	0	12	1	5	0	0	0	1	0	0	0	0	19
	6	4	6	3	1	5	2	0	2	2	3	0	0	28
	7	2	7	4	11	5	1	3	1	0	0	0	0	34
	8	4	4	12	7	8	1	1	2	2	1	0	3	45
	9	28	17	30	7	1	0	0	0	0	3	0	0	86
	10	6	8	15	14	13	7	1	1	1	0	0	0	66
	11	1	2	22	22	13	12	2	0	0	0	0	0	74
Total		77	125	140	98	60	32	15	20	11	12	2	8	600
GERMAN MEASLES	1	0	1	0	0	0	0	0	0	0	0	0	0	1
	2	3	1	0	0	1	0	1	0	1	0	0	0	7
	3	0	4	0	0	1	0	0	0	0	0	0	0	5
	4	0	0	0	0	0	0	0	0	0	0	0	0	0
	5	0	1	1	0	0	2	0	0	0	0	0	0	4
	6	0	2	1	0	0	0	0	0	0	0	0	0	3
	7	0	2	1	0	0	0	0	0	0	1	0	0	4
	8	0	0	1	1	1	0	0	0	0	0	0	0	3
	9	0	0	1	4	2	0	0	0	0	0	0	0	7
	10	3	1	0	0	0	0	0	1	0	0	0	0	5
	11	0	0	0	1	0	1	0	0	0	0	0	0	2
Total		6	12	5	6	5	3	1	1	1	1	0	0	41
MUMPS	1	0	0	0	0	0	0	0	1	0	1	1	1	4
	2	0	1	1	1	0	1	0	0	2	1	0	3	10
	3	1	0	1	1	0	2	0	0	0	0	1	0	6
	4	0	0	2	0	1	0	0	0	0	1	0	0	4
	5	0	0	3	1	2	6	2	0	0	0	0	2	16
	6	3	2	5	1	0	0	0	0	0	0	0	0	11
	7	1	1	1	0	1	0	0	0	0	0	0	0	4
	8	7	0	2	7	4	2	0	0	0	0	0	0	22
	9	3	3	7	1	4	3	1	0	1	0	0	0	23
	10	6	9	8	2	6	6	2	0	0	0	0	0	39
	11	1	11	22	11	5	0	1	0	1	0	0	0	52
Total		22	27	52	25	23	20	6	1	4	3	2	6	191
TYPHOID FEVER	1	0	0	0	0	0	1	0	0	0	0	0	0	1
	2	0	0	0	0	0	0	0	0	0	0	0	0	0
	3	0	0	0	0	0	0	0	0	0	0	0	0	1
	4	0	0	0	0	0	0	0	0	0	0	1	0	0
	5	0	0	0	0	0	0	0	0	0	0	0	0	0
	6	0	0	0	0	0	0	0	0	0	0	0	0	0
	7	0	0	0	0	0	0	0	0	0	0	0	0	0
	8	0	0	0	0	0	0	0	0	0	0	0	0	0
	9	0	0	0	0	0	0	0	0	0	0	0	0	0
	10	0	0	0	0	0	0	0	0	0	0	0	0	0
	11	0	0	0	0	0	0	0	0	0	0	0	0	0
Total		0	0	0	0	0	1	0	0	0	0	1	0	2

TABLE E — Continued

Ward	1939 Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
PULMONARY TUBERCULOSIS													
1	0	2	2	1	3	1	1	0	5	1	1	0	17
2	1	3	2	1	2	1	1	1	0	2	3	1	18
3	0	2	2	0	1	0	0	2	2	0	1	0	10
4	0	0	1	0	0	3	1	1	0	0	0	1	7
5	1	0	1	0	2	0	1	1	1	0	1	2	10
6	1	1	2	1	0	0	0	0	1	3	2	0	11
7	1	0	0	1	0	0	1	0	0	3	1	0	7
8	0	0	0	0	0	0	1	0	0	1	0	0	2
9	1	1	0	0	2	0	2	1	0	1	0	1	9
10	0	1	1	0	1	1	2	0	2	1	0	0	9
11	0	1	1	3	1	2	0	0	1	0	0	1	10
Total	5	11	12	7	12	8	10	6	12	12	9	6	110
HILUM TUBERCULOSIS													
1	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	1	0	0	0	0	0	0	1
3	0	1	0	0	0	0	0	0	0	0	0	0	1
4	0	0	0	0	0	0	0	0	0	0	0	1	1
5	0	0	0	0	0	0	0	0	0	0	1	0	1
6	0	0	0	0	0	0	0	0	0	1	0	0	1
7	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	1
10	0	0	0	0	0	0	0	0	0	0	0	0	1
11	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	1	0	0	0	1	0	0	0	1	1	1	5
OTHER FORMS OF TUBERCULOSIS													
1	0	0	0	0	0	0	0	0	0	1	0	0	1
2	0	0	0	1	0	0	0	0	0	1	0	0	2
3	0	0	0	0	0	1	0	0	1	0	0	0	2
4	1	0	0	1	0	0	0	0	1	0	0	0	3
5	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	1	0	0	0	0	0	1	0	0	1	0	3
7	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	1	0	1
9	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	1	0	0	0	0	1	0	2
Total	1	1	0	2	0	2	0	1	2	2	3	0	14
LOBAR PNEUMONIA													
1	3	9	10	5	9	2	0	0	0	1	1	0	40
2	0	8	7	9	4	1	1	0	2	0	1	4	37
3	5	6	4	2	2	3	0	0	0	1	0	0	23
4	2	0	5	4	3	1	0	0	0	1	1	3	20
5	1	2	5	6	0	1	0	0	0	2	1	0	18
6	3	2	3	1	1	2	0	0	0	0	1	1	14
7	0	1	1	0	0	0	0	0	0	0	1	0	3
8	2	2	1	1	2	0	0	0	0	0	0	1	9
9	2	2	4	0	1	1	0	0	0	1	0	1	12
10	0	4	1	2	3	2	0	0	0	3	1	1	17
11	1	2	2	7	1	0	0	0	0	0	0	2	15
Total	19	38	43	37	26	13	1	0	2	9	7	13	208

TABLE E — *Continued*

Ward	1939 Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
CEREBRO- SPINAL MENINGITIS													
1	0	0	0	0	1	0	0	0	0	0	1	0	2
2	0	0	0	0	0	0	0	0	0	0	0	0	0
3	1	0	0	0	0	0	0	0	0	0	0	0	1
4	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	1	0	0	0	0	0	0	1
6	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1	0	0	0	1	1	0	0	0	0	1	0	4
OPHTHALMIA NEONATORUM													
1	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	2	0	0	0	0	0	0	0	0	2
4	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	1	0	0	0	0	0	0	0	0	1
8	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	1	0	0	0	0	0	0	0	0	0	1
10	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	1	3	0	0	0	0	0	0	0	0	4
SUPPURATIVE CONJUNCTIVITIS													
1	0	0	0	0	0	0	0	1	0	0	0	0	1
2	0	0	0	0	0	0	0	1	0	0	0	0	1
3	0	0	0	1	0	0	0	0	0	0	0	0	1
4	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	1	0	0	0	0	1
6	0	0	0	0	0	0	0	1	0	0	2	0	3
7	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	1	0	0	0	0	0	0	1
10	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	1	0	1	1	3	0	0	2	0	8
SEPTIC SORE THROAT													
1	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	1	0	0	1
4	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	1	0	0	0	0	0	1
7	0	0	0	0	0	0	0	0	0	0	1	0	1
8	0	0	0	0	0	0	0	0	0	1	0	1	2
9	0	0	0	0	1	0	0	0	0	0	0	0	1
10	0	0	0	2	1	0	0	0	0	0	0	0	3
11	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	2	2	0	1	0	0	2	1	1	9

TABLE E — Continued

[illegible]

TABLE E— *Continued*

Ward	1939 Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
TRACHOMA													
1	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	1	0	1
6	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0
8	1	0	0	0	0	0	0	0	0	0	0	0	1
9	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1	0	0	0	0	0	0	0	0	0	1	0	2
PARA TYPHOID													
1	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	1	0	0	1
9	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	1	0	0	1

TABLE G
DISEASES BY WARDS FOR YEAR, ALSO DENSITY OF POPULATION

1939	1	2	3	4	5	6	7	8	9	10	11	Total
Ward.....												
Population.....	18,292	13,681	9,666	9,486	10,257	9,970	8,978	7,423	12,122	10,851	11,336	122,062
Area (acres).....	421.3	405.9	122.4	158.1	320.4	205.2	300.9	267.5	904.7	554.2	519.6	4180.6*
Density (per acre).....	42	32	75	58	31	46	28	26	12	18	21	29.20
Diphtheria.....	0	5	1	0	4	7	0	0	1	1	0	19
Scarlet Fever.....	10	15	15	9	24	13	10	7	21	11	16	151
Measles.....	261	342	162	128	300	279	113	95	251	201	213	2,345
Chicken Pox.....	131	30	37	21	42	25	20	15	50	91	32	494
Whooping Cough.....	84	67	66	31	19	28	34	45	86	66	74	600
German Measles.....	1	7	5	4	4	3	3	7	5	1	1	41
Mumps.....	4	10	5	4	16	11	5	22	23	39	51	191
Typhoid Fever.....	1	0	1	0	0	0	0	0	0	0	0	2
Pulmonary Tuberculosis.....	17	20	8	8	10	10	7	2	10	9	10	110
Hilum Tuberculosis.....	0	1	1	0	2	1	0	0	0	0	0	5
Other forms of Tuberculosis..	0	2	3	3	0	3	0	1	0	0	2	14
Lobar Pneumonia.....	40	36	23	20	18	14	3	9	12	17	15	208
Cerebrospinal Meningitis....	2	0	1	0	1	0	0	0	0	0	0	4
Ophthalmia Neonatorum.....	0	0	2	0	0	0	1	0	1	0	0	4
Suppurative Conjunctivitis...	1	1	1	0	1	3	0	1	0	0	0	8
Septic Sore Throat.....	0	0	1	0	0	1	1	2	1	3	0	9
Bites of Animals.....	66	76	58	31	76	63	29	20	28	52	35	534
Anterior Poliomyelitis.....	0	0	0	0	0	0	0	0	1	0	0	1
Paratyphoid B Fever.....	0	0	0	0	0	0	0	1	0	0	0	1
Bacillary Dysentery.....	2	10	5	0	0	4	0	1	0	7	1	30
Trachoma.....	0	0	0	0	1	0	0	1	0	0	0	2
Malaria.....	0	0	0	1	0	0	0	0	0	0	0	1
Totals.....	620	622	395	260	518	465	326	229	490	398	450	4,773

* 6.53 square miles.

TABLE H
DIPHTHERIA (Morbidity by Months)

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
1929.....	23	14	15	7	3	9	7	13	6	10	15	19	141
1930.....	12	13	11	7	6	7	4	8	4	8	4	6	90
1931.....	7	2	..	4	4	4	1	1	1	1	7	21	53
1932.....	5	9	2	2	7	13	6	8	1	10	2	4	69
1933.....	5	2	3	5	9	2	7	6	1	2	5	3	50
1934.....	1	1	1	1	3	3	..	1	2	..	1	..	14
1935.....	..	..	..	..	..	2	..	..	..	..	..	..	2
1936.....	..	..	..	..	1	..	1	..	..	..	1	..	3
1937.....	..	1	..	..	..	..	..	..	1	..	..	1	3
1938.....	..	..	..	..	..	..	..	..	..	3	1	2	6
1939.....	1	2	1	..	1	..	..	1	3	3	4	3	19

TABLE I
DEATHS BY MONTH AND WARD
(Exclusive of Stillbirths)

Ward	1	2	3	4	5	6	7	8	9	10	11	Non-Res-ident	Total
January	12	13	5	7	11	6	3	2	10	9	7	34	119
February	15	10	15	17	6	2	7	9	12	5	7	16	121
March	25	12	8	11	9	7	3	6	13	8	20	28	150
April	9	12	10	11	10	11	4	6	7	9	9	32	130
May	9	10	9	8	8	5	4	2	17	7	5	31	115
June	7	6	9	7	11	3	4	16	10	5	9	18	105
July	11	6	10	6	8	9	7	6	7	7	6	23	106
August	11	5	6	6	2	9	3	1	4	7	4	24	82
September	6	7	7	9	7	6	3	5	4	1	2	27	84
October	8	14	9	9	11	6	6	1	7	9	7	26	113
November	12	12	9	13	6	6	6	6	9	9	5	21	114
December	10	5	11	6	14	9	4	9	10	4	12	20	114
Totals	135	112	108	110	103	79	54	69	110	80	93	300	1,353

DISEASES DANGEROUS TO THE PUBLIC HEALTH

DIPHTHERIA

The year of 1939 saw a marked increase in the number of diphtheria cases. From six the previous year to 19 for this year; 15 of the 19 cases were located in an area south of Massachusetts Avenue and extending from the river west as far as Putnam Avenue.

Three distinct carriers were found in this area and were promptly isolated. Nurses were concentrated in this area to increase immunization and it is still going on the first of the year. Eleven of these cases were over five years of age and none had been immunized. There was one death.

TYPHOID

Three cases of typhoid were reported, with no deaths. Two of the cases were paratyphoid. None of the cases could be traced to source of infection in Cambridge. One of the cases had been traveling in Canada. Another para case gave the history of having had typhoid twenty years previous.

SCARLET FEVER

There was a marked reduction in the number of scarlet cases. One hundred fifty-one were reported as against three hundred eighty, the previous year. There were no deaths.

MEASLES

Last year was what we term a "measles year," measles running in cycles of two-year periods. Two thousand three hundred and forty-five cases were reported for 1939, and two hundred sixty-one for 1938. The remarkable thing about this is with the great number of cases, there were no deaths.

TUBERCULOSIS

Tuberculosis showed a slight decline over the previous year. With the opening of our new Hospital and the institution of more modern treatment, it is hoped that deaths from this disease will still further be reduced.

COMMUNICABLE DISEASE (CONTROL) NURSES

Cases not released January 1, 1939	17
New cases for isolation	136
Cases released from isolation	144
Cases to hospital	94
Original visits (including investigations)	4,559
First calls	3,739
Subsequent visits	720
Number of new cases	3,757
Unreported cases found	954
New cases	3,757
Scarlet fever	152
Diphtheria	17
Chickenpox	445
Mumps	168
Measles	1,481
German measles	68
Whooping cough	515
Lobar pneumonia	253
Septic sore throat	17
Suppurative conjunctivitis	3
Typhoid fever	2
Paratyphoid	3
Cerebrospinal meningitis	8
Infantile paralysis	2
Amebic dysentery	43
Amebic history	1
Malaria	1
Animal bites	576
Lapsed syphilis cases — first call	60
Subsequent calls	32
Lapsed gonorrhea cases — first call	15
Subsequent calls	10
Cases in isolation January 1, 1940	9

SCHICK CLINICS

(Diphtheria Immunizations)

The following is a report of the work done in the Schick Testing and Diphtheria Immunization Clinics for the year ending December 31, 1939:

Total number of persons at clinics.....	6,344
Total number of persons Schicked.....	567
Total number of persons read.....	547
Total number of persons finished (three doses Toxoid).....	1,606
Six months to five years of age.....	944
Six years of age and over.....	662
Total number of persons read first time.....	13
Positive.....	6
Negative.....	7
Total number of persons read — re-Schicked.....	534
Positive.....	62
Negative.....	440
Pseudo.....	32
Total number of doses of Toxoid given.....	5,230
Total number of clinics held.....	315

SCHICK CLINICS (Yearly Report)

January 1 to December 31, 1939

Clinic	Finished		Toxoid	Schicked	Read	Readings			Number at Clinics	Number of Clinics
	Pre-school	School				Positive	Negative	Pseudo		
City Hall.....	74	9	237	10	18	3	15	..	51	265
Haggerty.....	85	14	287	18	17	2	15	..	19	322
Russell.....	20	1	87	3	3	..	2	1	9	93
Sacred Heart.....	1	21	78	71	67	2	59	6	6	216
Thorndike.....	1	3	4	..	..	..	..	..	1	4
Immaculate Conception....	5	9	47	4	2	..	2	..	5	53
Wellington.....	14	55	208	82	81	12	69	..	8	371
Longfellow.....	18	28	155	4	4	1	3	..	6	163
Ellis.....	3	1	6	1	..	..	..	..	1	7
Agassiz.....	25	5	73	..	..	..	..	..	8	73
St. John's.....	26	27	161	6	6	..	6	..	6	173
Wyman.....	1	2	4	..	1	..	1	..	3	5
St. Mary's.....	32	31	212	33	34	5	28	1	8	279
St. Francis.....	20	41	195	142	134	13	118	3	6	471
Newtowne Court.....	36	...	119	21	20	2	18	..	21	160
St. Peter's.....	11	5	85	2	2	..	..	2	5	89
French.....	14	7	56	5	5	1	3	1	7	66
Houghton.....	127	29	483	17	13	2	10	1	23	513
Gannett.....	18	9	91	28	28	8	19	1	6	147
Roberts.....	37	53	271	20	20	..	20	..	7	311
Blessed Sacrament.....	53	66	492	38	33	6	20	7	11	563
Kelley.....	83	39	408	24	26	4	20	2	25	458
St. Paul's.....	2	33	108	1	1	1	..	..	4	110
Putnam.....	18	1	61	..	..	..	..	..	15	61
Willard.....	30	94	507	5	4	..	..	4	11	516
Lincoln.....	8	6	48	4	4	..	4	..	6	56
Neighborhood House.....	32	1	119	3	..	..	..	..	5	122
Morse.....	40	18	204	13	13	3	7	3	16	230
Peabody.....	20	13	138	13	12	4	8	..	6	163
Sleeper.....	90	1	291	..	..	..	..	..	15	291

IMMUNIZATIONS BY AGE (PRE-SCHOOL AND SCHOOL) AND WARD

1939

Wards	Under 1	1	2	3	4	5	Pre- School	6	7	8	9	10	School	Total
1.....	35	11	8	3	14	36	107	40	35	16	14	31	136	243
2.....	48	21	14	11	15	34	143	32	22	17	17	5	93	236
3.....	16	13	5	3	11	22	70	22	18	6	7	12	65	135
4.....	10	11	1	9	9	9	43	21	5	5	1	2	34	77
5.....	15	12	5	7	19	51	109	65	34	24	5	13	141	250
6.....	21	16	9	21	30	46	143	51	23	14	6	4	98	241
7.....	10	8	4	3	1	5	31	7	5	1	0	0	13	44
8.....	3	1	0	1	2	6	13	3	0	1	0	0	4	17
9.....	17	17	11	5	34	30	114	12	3	4	2	1	22	136
10.....	10	13	8	8	12	27	78	12	9	4	0	1	26	104
11.....	27	21	7	6	8	24	93	17	7	2	2	2	30	123
	212	144	72	71	155	290	944	282	161	94	54	71	662	1,206

INFANT WELFARE NURSE

The work of this division has been carried on as in former years (with the addition of Diphtheria Prevention Clinics being held within the Infant Welfare Clinics during the summer) at the following places:

Haggerty School, Cushing Street	Mondays,	2.30 p.m.—4.00 p.m.
Morse School, Brookline and Allston Streets	Mondays,	2.30 p.m.—4.00 p.m.
Putnam School, Fourth and Otis Streets	Tuesdays,	2.30 p.m.—4.00 p.m.
Sleeper School, Dudley Street	Wednesdays,	2.00 p.m.—4.00 p.m.
Neighborhood House, Moore and Harvard Streets	Wednesdays,	2.00 p.m.—4.00 p.m.
Kelley School, Willow Street	Thursdays,	2.00 p.m.—4.00 p.m.
Houghton School, Putnam Avenue and Magee Street	Fridays,	2.30 p.m.—4.00 p.m.
Agassiz School, Sacramento and Oxford Streets . . .	Fridays,	2.30 p.m.—4.00 p.m.

The division is grateful to the following doctors for their gratuitous services at these clinics weekly: Dr. Samuel Chalfen, Dr. Samuel Clement, Dr. Myer Marlin, Dr. Maurice Duchin, Dr. Harold Rudy, Dr. Albert Poirier, Dr. Jacob L. Rudd, Dr. Alexander Mahlowitz, Dr. Jacob Factor, Dr. Philip Shea, and to the various social agencies and private individuals for their coöperation and aid in this work.

INFANT MORTALITY UNDER ONE YEAR

(Per 1,000 live births)

	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939
Number of births	2,606	2,476	2,459	2,273	2,261	2,253	2,187	2,168	2,223	2,160
Number of deaths	121	129	141	105	103	125	101	116	84	76
Rate	46	52	56	46.2	45.6	55	46.1	53	37.8	35

	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939
Deaths										
Within 24 hrs.	30	45	56	26	22	36	27	43	34	26
24 hrs. to wk.	25	28	22	26	19	20	18	14	22	16
1 wk. to 1 mo.	19	11	14	15	15	26	14	17	5	5
1 mo. to 1 yr.	47	45	49	38	47	43	42	42	23	29
Stillbirths . . .	92	80	71	84	64	57	61	58	48	77

ANNUAL REPORT OF INFANT WELFARE — 1939

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Home visits.....	538	475	429	507	667	748	591	437	403	367	537	493	6,192
New cases.....	72	90	78	79	81	74	90	73	70	94	99	94	994
Breast fed.....	20	23	15	21	16	15	30	18	19	19	21	22	239
Bottle fed.....	40	54	48	46	52	44	35	33	36	55	57	57	557
Breast and bottle fed.....	12	13	15	12	13	15	25	22	15	20	21	15	198
Closed cases.....	78	106	59	73	34	75	97	88	46	69	97	86	908
Babies over one year.....	61	99	44	64	29	59	81	70	34	55	76	74	746
Moved.....	12	5	11	8	4	14	14	18	11	10	20	10	137
Died.....	5	2	4	1	1	2	2	0	1	4	1	2	25
Ophthalmia.....	0	0	1	1	0	0	0	0	0	0	0	0	2
Conjunctivitis.....	0	0	0	0	0	0	1	0	0	1	1	2	5

Number on visiting list January 1, 1939.....	1,939
Number on visiting list January 1, 1940.....	2,025

CLINICS

	Kelley	Putnam	Sleeper	Haggerty	Houghton	Morse	Agassiz	Neighborhood House	Sleeper Pre-School
Number of clinics.....	49	47	50	47	52	47	47	50	50
Total attendance	3,553	775	2,338	458	1,281	1,488	270	1,211	1,104
Total new cases.....	331	98	185	49	130	149	49	143	124
Registered.....	727	141	308	87	115	227	98	268	506
Closed cases.....	2	.....	203	39	151	174	79	135	135

Total number of baby clinics.....	389
Total attendance (visits).....	11,374
Total registered.....	2,293
Total new cases.....	1,134
Total closed cases.....	783

SCHOOL MEDICAL INSPECTION

In the annual thorough physical examination at the opening of the fall session there were 21,546 physical examinations of the public and parochial school children. Of this number, 7,283 showed 8,378 defects.

Adequate facilities for the correction of tonsils and adenoids especially are still lacking. Of the 4,852 cases of tonsils and adenoids found and recommended removed, only 874 were corrected, while of the 9,878 cases of defective teeth but 4,229 were found corrected upon subsequent examination.

A more detailed report of the defects found, and corrections, will be found as a part of this report.

Tonsils.....	4,852	Artificial eye.....	1
Cardiac.....	496	Enlarged thyroid.....	11
Orthopedic.....	82	Asthma.....	11
Posture.....	1,004	Pharyngitis.....	2
Cervical glands.....	524	Mental retarded.....	1
Malnutrition.....	98	Mongolion idiot.....	1
Strabismus.....	101	Defective speech.....	1
Bronchitis.....	56	Deaf.....	1
Pediculosis.....	282	Lungs.....	23
Teeth.....	393	Nasal discharge.....	8
Acne.....	223	Tumor.....	1
Impetigo.....	30	Injuries.....	14
Eczema.....	21	Ankylosis joints.....	1
Scabies.....	8	Infections.....	2
Derinalitis.....	9	Conjunctivitis.....	3
Herpes.....	8	Obesity.....	4
Ringworm.....	1	Questionable.....	7
Wart.....	1	Orthondia.....	1
Psoriasis.....	1	Tonsillitis.....	1
Furunculosis.....	4	Tachacardia.....	1
Cleft palate.....	6	Epileptic.....	2
Hair lip.....	1	Concussions.....	2
Deviated septum.....	1	Old infantile.....	6
Nerves.....	3	Fractures.....	4
Anemia.....	6	Tuberculosis of spine.....	1
Otitis media.....	9	Old empyema.....	1
Colds.....	2	Glandular disturbance.....	12
Blepharatis.....	15	Scoliosis.....	6
Hordeoleum.....	6	Alopecia areata.....	1
Ptosis of lid.....	2	Creturison.....	1

DEFECTS FOUND

Tonsils.....	4,852
Teeth.....	9,878
Ears.....	220
Vision.....	1,530
Pediculosis.....	858

CORRECTED CASES

Teeth.....	4,229
Tonsils.....	874
Vision.....	1,056
Pediculosis.....	828

WORK CERTIFICATE CLINICS

Number examined.....	43
Old cases..... 1	Boys..... 35
New cases..... 43	Girls..... 8
Defective children.....	11
Defects found.....	11
Teeth.....	4
Tonsils.....	2
Vision defecture.....	5

SCHOOL NURSES' REPORT

Number of visits at schools (public and parochial)	4,976
Number of inspections	99,667
Number of sanitary inspections	500
Number of visits to classrooms	837
Total number of exclusions	1,240
Pediculosis	52
Skins	176
Symptoms of communicable diseases	414
Colds	278
Miscellaneous	320
Number referred to school physician	149
Number referred to family physician	14,990
Number referred to clinics	1,300
Number referred to Board of Health	353
Time spent (hours)	7,564½
Office work — clerical work — time spent (hours)	1,562½
Number of consultations	113,738
Number of school visits	723
Number of teachers	23,289
Number of parents	9,656
Number of pupils	50,254
Number of superintendents	31
Number of others	29,885
Time spent (hours)	933½
Number of first aid treatments	4,196
Time spent (hours)	3½
Number of homes visited	9,030
Number of children	13,832
Time spent (hours)	4,142½
Health Education:	
Classroom talks	837
Meetings attended	25
Time spent (hours)	54½
Clinics attended:	
Tonsils and adenoids	263
Vision	477
Medical	82
Surgical	82
Time spent (hours)	587

TEACHER STATEMENTS

Number examined 2,630	Number Defective 1,906	Children	Number O. K. 724	Number Defects 1,921
Colds	62		Hysteria	1
Orthopedic	13		Old fractures	2
Malnutrition	14		Desquamating	4
Injuries	104		Canker	1
Eczema	79		Chorea	1
Tonsillitis	73		Neuralgia	1
Bronchitis	27		Epidermophytoses	5
Ecclyonosis lid	2		Athletic feet	2
Whooping cough	3		Abrasions	31
Laryngitis	1		Hematosiis	1
Alopecia creato	1		Nose bleed	1
Warts	6		Questionable	76
Pleurisy	2		Schick reaction	6
Rhinitis	1		Impetigo	215
Cyst	3		Chicken pox	8
Blister	1		Mumps	3
Neuritis	1		Glands	44
Pharyngitis	34		Pyelitis	1
Anemia	12		Herpes	37
Infections	201		Burns	9
Cardiac	8		Pustulis	4
Ringworms	19		Furuncle	56
Debility	10		Rheumatism	3
Wen	1		Scabies	34
Wryneck	3		Sty	21
Teeth	7		Cancer	3
Oedema	1		Conjunctivitis	41
Dermatitis	36		Tonsils	46
Indigestion	28		Erythema	2
Eye strain	6		Grippe	6
Ganglion	1		Psorosia	15
Deviated septum	2		Acne	16
Headaches	1		Gastritis	16
Nerves	6		Itch	1
Observation	31		Urticaria	7
Dog bites	4		Poison Ivy	6
Measles	4		Otitis media	22
Trachertis	1		Pediculosis	3
Posture	1		Scarlet fever	3
Rales in lungs	1		Abdomen pains	14
Paranychia	1		Deaf	1
Hay fever	1		Epilepsy	1
Foreign body in eye	5		Insect bites	4
Asthma	1		Contusions	6
Jaundice	7		Sprains	9
Bursitis	1		Traumatic	1
Abcessed teeth	12		Toothache	1
Blepharatis	2		Arthritis	2
Enenuris	1		Laryngitis	2
Blister	1		Upper respiratory	4

DENTAL SURVEY, 1939

SCHOOLS	Number Examined	Appar. Perfect Teeth	Good Teeth	Urgent Cases	Ortho- dontia	Fillings	Cleanings	Extrac- tions	Nutrition Cases
Abraham Lincoln.....	232	..	125	..	..	59	40	55	..
Ellis.....	344	..	200	..	3	41	113	103	..
Sleeper.....	187	1	94	..	..	33	13	63	..
Wyman.....	60	3	27	..	..	17	24	21	..
St. John.....	1,129	9	596	..	..	182	262	373	..
Our Lady.....	402	14	186	..	4	59	88	150	..
Total.....	2,354	27	1,228	..	7	391	540	765	..
Roberts.....	879	28	189	6	..	595	555	306	..
St. Mary.....	1,228	46	184	1	..	809	775	514	..
Total.....	2,107	74	373	7	..	,404	1,330	820	..
Thorndike.....	570	4	33	1	..	516	560	244	..
Putnam.....	377	3	35	1	1	345	374	143	..
Sacred Heart.....	321	3	44	..	..	277	313	107	..
St. Francis.....	267	..	23	1	..	239	267	104	..
St. Hedwig.....	160	1	21	..	..	138	156	49	..
Total.....	1,695	11	156	3	1	1,515	1,675	647	..
Wellington.....	575	65	80	..	1	408	485	221	..
Kelley.....	479	84	56	1	..	326	385	143	..
Fletcher.....	396	41	97	2	2	249	306	89	..
Gannett.....	101	22	6	1	..	72	78	17	..
Immaculate Conception.....	124	23	16	..	..	79	97	35	..
Total.....	1,675	235	255	4	3	1,134	1,351	505	..
Morse.....	507	76	86	35	32	296	490	141	..
Webster.....	569	19	139	10	3	400	516	167	..
Willard.....	366	77	32	31	14	264	357	110	..
Blessed Sacrament ..	710	129	73	56	36	484	694	235	..
Total.....	2,152	301	330	132	85	1,444	2,057	653	..
Russell.....	590	23	191	1	2	299	302	205	..
Haggerty.....	246	40	68	..	..	186	193	115	..
Lowell.....	47	1	9	..	..	33	33	15	..
Peabody.....	483	45	247	2	..	192	192	137	..
St. Peter.....	633	49	136	8	2	424	428	349	..
Total.....	1,999	158	651	11	4	1,134	1,148	821	..
Agassiz.....	398	31	113	3	..	176	219	55	..
Longfellow.....	1,007	43	357	6	2	511	689	192	..
Houghton.....	732	84	201	10	3	428	555	113	..
St. Paul.....	631	23	221	6	2	318	529	135	1
Total.....	2,768	181	892	25	7	1,433	1,992	495	1
Grand Total.....	14,750	987	3,885	182	107	8,455	10,093	4,706	1

EXCLUSIONS FOR 1939

PHYSICIAN	Exclusion cards	Children excluded	Impetigo	Scabies	Ringworm	Mumps	Chicken Pox	Measles	Scarlet Fever	Conjunctivitis	Otitis Media	Pediculosis	Tonsillitis	Poison Ivy	Tuberculosis	Dermatitis	Eczema	Dog Bite
Dr. Barnes.....	5	9	3	1	..	..	1	..	..	..	..	4	..	..	..	..	..	..
Dr. Chalfen.....	4	5	3	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..
Dr. Downey.....	9	12	2	4	2	1	..	..	..	..	..	2	..	..	1	..	..	..
Dr. Dressler.....	61	105	78	16	6	2	..	1	..	1	..	..	..	1	..	..	..	..
Dr. Fair.....	15	20	9	5	..	..	..	..	..	..	1	1	2	2	1	..	..	..
Dr. Green.....	6	8	6	..	..	..	..	..	..	..	1	..	..	..	..	1	..	..
Dr. Hutchinson.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..
Dr. Marlin.....	33	44	35	5	..	..	..	1	..	..	..	..	1	..	..	1	1	..
Dr. Nelligan.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Dr. Wadden.....	7	19	12	..	..	..	5	1	..	..	..	..	..	..	..	..	..	1
Dr. White.....	19	20	11	2	2	1	2	..	1	..	..	..	1	..	..	..	..	..
Total.....	159	242	159	33	10	4	9	4	1	1	1	7	4	3	2	2	1	1

The Mantoux test was given in *Parochial High Schools* in February and March 1939.

School	Enrollment	Tested	Per cent	Positive	Negative	X-rayed	Exam. Physical	Not Read
St. Mary's.....	307	165	53.7	35	130	35	8	0
St. John's.....	566	306	54.0	69	236	69	30	1
Our Lady of Pity	81	71	87.6	13	58	14	2	0
Total.....	954	542	56.8	117	424	118	40	1

TUBERCULOSIS SURVEY DURING SCHOOL
(SUMMER) VACATION

During school summer vacation the school nurses made a survey of 1,060 reported cases of tuberculosis for the Tuberculosis Dispensary, for the purpose of locating persons, or their whereabouts, contacting their attending physicians, if any, and arranging for a check-up (X-ray) to determine present condition of activity. The following is a summary of resulting efforts:

Number of persons X-rayed.....	524
Number found dead.....	21
Number left city.....	78
Number unknown.....	155
Number in sanatorium.....	36
Number away for summer.....	56
Number refused X-rays.....	190
Total.....	1,060
Number of second and third calls.....	177
Total number of home calls.....	1,237

ANNUAL REPORT OF THE DENTAL CLINICS

Patients:

Old cases.....	2,106
New cases.....	3,315
Total.....	5,421
Cases discharged.....	1,957
Cases continued.....	3,464

Treatments:

Number of children examined (annual survey).....	14,750
Number of visits.....	15,573
Number of fillings.....	8,568
Number of extractions.....	7,798
Number of treatments.....	5,625
Number of free cases.....	1,897
Amount of money received (registration fee).....	\$570.60

TUBERCULOSIS DISPENSARY

Total attendance for the year ending December 31, 1939, 1,500. Number of new cases, 281. Divided according to sex, they are as follows: Males 122, Females 159.

The relative ages of new cases follow:

Oldest patient.....	68
Youngest patient.....	7 weeks
Under 15 years of age.....	108
Between 15 and 20 years of age.....	40
Between 20 and 30 years of age.....	49
Between 30 and 40 years of age.....	37
Between 40 and 50 years of age.....	24
Between 50 and 60 years of age.....	16
Between 60 and 70 years of age.....	7

Diagnosis of new cases:

Positive cases.....	46
Negative cases.....	193
Arrested cases.....	6
Suspicious cases.....	15
Deferred cases.....	30
Original cases.....	22

The clinical forms of tuberculosis were classified as follows:

Pulmonary.....	39
Childhood.....	5
Eye.....	1
Mesenteric.....	1
Pulmonary and colon.....	1

The ages, in decades, of the positive cases follow:

1 to 10 years.....	3
10 to 20 years.....	8
20 to 30 years.....	14
30 to 40 years.....	11
40 to 50 years.....	6
50 to 60 years.....	3
60 to 70 years.....	1

Total.....	60
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TUBERCULOSIS FIELD NURSES

Visiting list (home):

Cases brought forward	948	
New cases admitted to list	22	
Patients returned from hospitals to list	35	
Total admissions to list		1,005
Died	45	
Gone to hospitals	67	
Disease arrested during year	14	
Moved out of town	31	
Disappeared	10	
Removed from the list during year		167
On visiting list December 31, 1939		838
Home visits (original)	112	
Home visits (subsequent)	3,588	

Predisposed or suspected cases:

On list from last year		240
Dropped from list	18	
New cases added	24	
On list December 31, 1939		246

TIME ELAPSED BETWEEN "REPORT" AND "DEATH"

(1939 deaths 45)

Cases reported after death		2
Seven days or less	2	
Eight to fourteen days	1	
Fifteen to twenty-one days	2	
Twenty-two to thirty-one days	1	
Within first month		6
Within second month		3
Within third month		0
Within fourth month		2
Within fifth month		0
Within sixth month		0
Within ninth month		2
Ninth to twelfth month		2
One to two years		5
Over two years		23

SURVEY OF REPORTED CASES

(Summer — 1939)

Reported cases on record (to be located and contacted)		1,068
Located and contacted	814	
Whereabouts unknown	155	
Moved out of town	78	
Dead	21	
Dropped as "inactive" after X-ray examination		368
Retained on "active" list at close of survey		446

TUBERCULOSIS SANATORIUM

(799 Concord Avenue, Overlooking Fresh Pond)

On January 1, 1939, there remained in the Sanatorium from the previous year 58 patients. During the year, 65 new patients were admitted and 28 readmitted, making a total of 151 patients treated.

RESIDENTS

Of the 58 patients remaining in the hospital on January 1, 1939, 28 were new 1938 admissions. The other 30 patients listed below were originally admitted during the year specified, then discharged and readmitted at various times, but were hospital cases on January 1, 1939: two of 1926; two of 1928; two of 1929; one of 1930; two of 1932; two of 1933; two of 1934; two of 1925; four of 1936; and eleven of 1937.

DISCHARGES

Forty-nine patients were discharged; 12 as apparently arrested; 21 on request against advice; six as quiescent; and ten improved.

ADMISSIONS

Of the 65 new patients admitted, nine were classified as minimal cases; 17 as moderately advanced; 34 as far advanced; one lung abscess; two pleurisy with effusion; two non-tuberculous.

SOCIAL STATUS

Married.....	37	Widowed.....	5
Single.....	22	Divorced.....	1

NATIONALITY

American.....	37	Italian.....	5	Canadian.....	6
American Negro...	2	Turkish.....	1	Polish.....	2
Irish.....	7	Jewish.....	1	Portuguese.....	1
Greek.....	1	Scotch.....	2		

OCCUPATION

Laborer.....	2	Photographer.....	1	Piper.....	1
Unemployed.....	22	Clerk.....	3	Mill worker.....	1
Candy worker.....	1	Waitress.....	2	Doorman.....	1
Factory worker....	1	Lineman.....	1	Garage employee ..	1
Radio technician...	1	Housewife.....	13	Steamfitter.....	1
Mechanic.....	1	Metal polisher.....	1	Fruit dealer.....	1

TRANSFERS

For the year 1939, 39 patients were transferred to other institutions. Seven were sent to Cambridge City Hospital; 28 to Corey Hill Hospital; one to Westboro; one to Rutland Sanatorium; one to Essex County Sanatorium; one to Lakeville Sanatorium.

DEATHS

Twenty-nine patients died during the year, twenty-two men and seven women.

Patients treated in the Cambridge City Hospital Out-Patient Department in the following clinics:

EYE, NOSE AND THROAT CLINIC

Ten patients for eye disturbances; six of them received glasses.

Four patients for nose.

Five patients for throat; care and treatment prescribed.

Four patients for teeth.

SKIN CLINIC

Three patients treated for skin eruption.

One patient received X-ray treatment for skin.

X-RAYS

Two hundred seventy-four X-rays were taken on hospital and out-patients.

SPUTUM EXAMINATIONS

1,142 direct smear sputum examinations were done; 476 of these were positive. Twenty-seven concentrations were done; and six were found to be positive.

PNEUMOTHORAX

Forty-two house patients and nine out-patients received pneumothorax. There were 674 pneumothorax refills given. Twenty-one initial pneumothoracies were done. Five of these were discontinued because they were unsuccessful.

OPERATIONS

Bronchoscopy.....	1	Thorocostomy.....	1
Thorocostomy.....	1	Empyema (redrainage).....	2
Thorocoplasty.....	10	Pneumolysis.....	1
Phrenicectomy (temporary)...	1	Aspirations.....	19

OCCUPATIONAL THERAPY REPORT

The program of the occupational therapy department was expanded to include quite a variety of activities. Among these were the following techniques and projects: the reading and writing of Braille; weave-it pincushions, scarves and an afghan; metal etching; woolly dolls and baby balls; macrame belts and curtain pulls; beading; mocassin making; typing; and drawing.

Approximately forty-five patients were given instruction in handicraft projects, while fifteen to twenty others have been visited more or less regularly by the therapist.

Four parties were held during the year: A Valentine party, a stunt night on July 4; a Hallowe'en and a Christmas party. The patients were most coöperative and enthusiastic on each of these occasions, and the planning and execution of decorations and costumes appeared to have much therapeutic value. A number of other entertainments also were secured by either the school department or the superintendent, among these a baseball moving picture, and a play.

During the year of 1939, there have been various changes at the Sanatorium. First and foremost has been the new addition which is now completed and occupied. This is comprised of four floors, the first floor containing the general offices, the X-ray Department, the Laboratory and Out-Patient Department. The other three floors consist of single rooms and give accommodation for 36 more patients. The new building also contains a new auditorium (with a capacity of 90), a modern kitchen, a laundry and a power plant which is detached from the main building.

It is our earnest hope that the old building will be remodelled and ready for occupancy in the near future. This part of the Sanatorium will be reserved for the ambulatory and semi-ambulatory cases. In the remodelled section there will be a library for the

patients and an occupational therapy shop, both of which will aid in the rehabilitation of the patients.

Other important changes occurred in the medical staff. On January 1, 1939, Dr. Richard Overholt, one of the leaders in the field of chest surgery, was selected as thoracic surgeon. At the same time arrangements were made with Corey Hill Hospital to have patients transferred there who required surgical treatment for the pulmonary condition. On July 1, 1939, Dr. Henry D. Chadwick, former Commissioner of the State Department of Public Health, and an outstanding authority on tuberculosis, was appointed on a part-time basis as medical director for the purpose of helping to reorganize the Sanatorium. On September 1, 1939, Dr. William R. Martin, whose previous experience had been acquired at Middlesex County Sanatorium and the State Department of Public Health, was selected as resident superintendent. Dr. Morris Braverman joined the staff December 1, 1939, as resident physician, after having spent five years at Middlesex County Sanatorium and four years at the Mayberry Sanatorium, Northville, Mich. Dr. Felix McGirr continues in his present position of visiting physician.

The principal change in the nursing staff has been the appointment of Miss Mary Barry as superintendent and Miss Elizabeth Jayes as assistant superintendent and nurses. It is planned to improve the working hours of the nurses and the nursing service so that the patients will obtain the best possible care.

The X-ray and Laboratory departments are new additions which have been sadly needed at this sanatorium. These facilities will aid materially in studying the patients' condition and in arriving at a more exact diagnosis so that adequate treatment may be given.

As a result of the improvements which have been made during the past year, we have every assurance that this sanatorium will be accepted as fulfilling the standards required by the State Department of Public Health. This approval will mean that the City will receive a weekly subsidy from the State on all tuberculous patients admitted who have a legal settlement in Cambridge.

SOCIAL WORKER

The report of the Social Worker for the year ending December 31, 1939, is as follows:

Visits made during the year	1,820
Settlements determined (as listed below)	518
State cases	197
Cambridge cases	205
Other cities and towns	25
State Sanatorium applications	40
Out-of-town notices	51
Bills investigated and approved for payment from out-of-town boards of health	94
Bills investigated and disapproved for reason that families were financially able to pay	21
Patients to clinics at Cambridge City Hospital (visits)	340
Patients taken to State sanatoris	6
(Lakeville 3; North Reading 2; Rutland 1)	
Concerts provided at the Tuberculosis Hospital	12

The department is grateful to the several organizations, firms, and individuals for their continued contributions in a material way toward the comfort and pleasure of the patients at the Tuberculosis Hospital.

BACTERIOLOGIST AND MILK INSPECTION

Report of milk inspection and bacteriologist for the year ending December 31, 1939.

Number of examinations completed during the year, 8,239, divided as follows: 2,474 bacteriological specimens were examined, consisting of throat cultures for diphtheria, sputums for tuberculosis, bloods for typhoid fever, typing of sputums for pneumonia, smears for gonorrhea, and Vincent's stomatitis. Also cultures for streptococci and chemical and microscopical examination of urines. 1,816 samples of milk were taken from wagons and trucks of dealers' vehicles. The official plate count of the American Public Health Association was used in determining the amount of bacteria in each sample. Since July 1939 the medium used has been the hew tryptone-glucosi agar which is now the official medium. It was found that this medium used in plating milk showed up such conditions as poor cooling, dirty utensils and re-pasteurization to a better advantage than the old medium. Also, if you had a good milk there were no increases in bacterial counts over the old peptone, beef extract agar.

799 store samples were tested and 208 samples of milk taken from restaurants were examined for fat content with the finding

of five samples below standard. Two cases were taken to court with \$10 in fines being imposed.

228 samples of cream were examined for fat and bacteria from dealers and stores.

73 samples of ice cream were tested for butterfat and found up to standard. 165 samples were examined for bacteria.

11 samples of butter and eight of vinegar were tested chemically and found all right.

937 samples of raw milk taken from pasteurizing plants were examined for bacteria during the year.

197 dairies were inspected and granted certificates of fitness or excluded and reinspected during the year in Massachusetts, Vermont, New Hampshire and Maine.

Fifteen complaints were investigated during the year on milk containing foreign substances and adjustments made.

83.58 per cent of the milk examined for bacteria contained 10,000 colonies or less per centimeter. 13.32 per cent samples contained from 10,000 to 25,000 colonies per centimeter. 2.71 per cent contained from 25,000 to 100,000 and 39/100th of one per cent contained over 100,000.

Stores were inspected as to cleanliness of ice chests, and in establishments having soda fountains and ice cream chests, the conditions of the scoop were noted.

During the year there were 728 ice cream cabinets inspected and 1,410 ice cream scoops were examined.

569 stores were licensed during the year. 271 restaurants, 90 oleomargarine, 112 dealers, three pasteurizing plants and 17 ice cream manufacturers licenses were issued.

Fees for licenses amounted to \$1,008.00.

BACTERIOLOGICAL EXAMINATIONS

Following report is of the bacteriological work according to each month:

1939	Diphtheria Diagnosis		Diphtheria Release		Sputa for Tuberculosis		Typhoid		Othe Exam	Out of Town, Misc.
	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative	Gonorrhea	
January.....	0	21	0	1	11	14	0	6	33	5
February.....	2	27	1	0	51	55	0	7	31	5
March.....	0	23	0	4	46	93	0	2	24	3
April.....	0	14	0	0	17	36	0	0	55	2
May.....	2	15	2	1	19	33	0	22	41	6
June.....	0	19	0	1	24	70	0	7	50	11
July.....	0	6	0	0	75	69	0	6	27	4
August.....	0	11	0	0	52	104	0	4	27	3
September.....	0	9	1	0	41	73	0	8	27	5
October.....	0	6	0	0	32	67	0	12	33	8
November.....	2	25	0	3	87	106	0	5	43	4
December.....	3	288	0	2	36	72	0	2	48	3
Total.....	9	464	4	12	491	792	0	81	439	59

No growth.....	5
Suspicious cultures.....	5
Streptococci:	
Positive.....	33
Negative.....	8
Contaminated culture.....	1
Unsatisfactory culture.....	1
Vincent's stomatitis:	
Positive.....	8
Negative.....	8
Pneumonia:	
Type 1.....	2
Type 2.....	3

INSPECTION OF FOOD PROVISIONS AND SLAUGHTERING

The manufacturing and handling of food products and beverages have been quite satisfactory during the past year. Though we had occasion to warn several merchants by a printed form created by the Board of Health, we were not forced to take further action, as all violaters complied with our requests and laws within a reasonable period.

Fish inspection still takes a good part of our time, due to the carelessness or lack of knowledge in care and handling of this product, as you will readily see by the record shown below of condemnation.

Both wholesale and retail dealers of candy, bakery goods, and vehicles used in transportation of these goods are inspected at regular intervals, and are found to be in very good shape.

Drug stores, restaurants, and dispensers of both alcoholic and non-alcoholic beverages are under strict and systematic inspection as to sufficient hot water and sanitary handling of food and utensils. Good conditions exist in these lines of business.

Much attention is given to unwrapped food (eaten as is) and gradually we are overcoming this violation, by manufacturers agreeing to wrap foods.

Both calf and poultry slaughter houses are visited during slaughtering periods, and are in excellent condition.

Below is an account of goods condemned; also a report of Inspection of Slaughtering. Report includes goods seized and condemned at fires.

INSPECTION OF SLAUGHTERING

MEATS CONDEMNED

Sausage (<i>fresh</i> and smoked	27 pounds
Sausage (<i>smoked</i>)	32 pounds
Lamb	60 pounds
Veal	62 pounds
Smoked meats	42 pounds
Beef	45 pounds
Fresh pork	124 pounds
Poultry	226 pounds
Hamburg	106 pounds
Canned meats	163 pounds

FISH

Haddock.....	324 pounds
Halibut.....	61 pounds
Salmon.....	51 pounds
Flounders.....	57 pounds
Sno Fish.....	96 pounds
Oysters.....	8 gallons
Clams.....	5 gallons
Scallops.....	2 gallons
Crabs.....	12 pounds
Lobsters.....	68 pounds

FRUITS

Apples.....	5 bushels
Cantaloupe.....	55 pounds
Watermelon.....	3 pounds
Blueberries.....	31 quarts
Strawberries.....	32 quarts
Raspberries.....	10 quarts
Blackberries.....	10 quarts
Grapes.....	51 pounds
Prunes.....	14 pounds

VEGETABLES CONDEMNED

Corn.....	4 bushels
Cabbage.....	1 bushel
Carrots.....	2½ bushels
Cucumbers.....	1½ bushels
Celery.....	½ bushel
Lettuce.....	4 bushels
Onions.....	1½ bushels
Potatoes.....	7 bushels
Spinach.....	9 bushels
Squash.....	67 pounds
Peppers.....	15 pounds
Tomatoes.....	83 pounds

MISCELLANEOUS PRODUCTS CONDEMNED

Flour.....	211 pounds
Candy.....	44 pounds
Cake.....	41 pounds
Bread and rolls.....	108 pounds
Spaghetti.....	22 pounds
Sugar.....	203 pounds
Crackers.....	51 pkgs.
Cereal.....	180 pkgs.
Ice cream.....	12 gallons
Sauerkraut.....	1 keg

INSPECTED

CONDEMNED

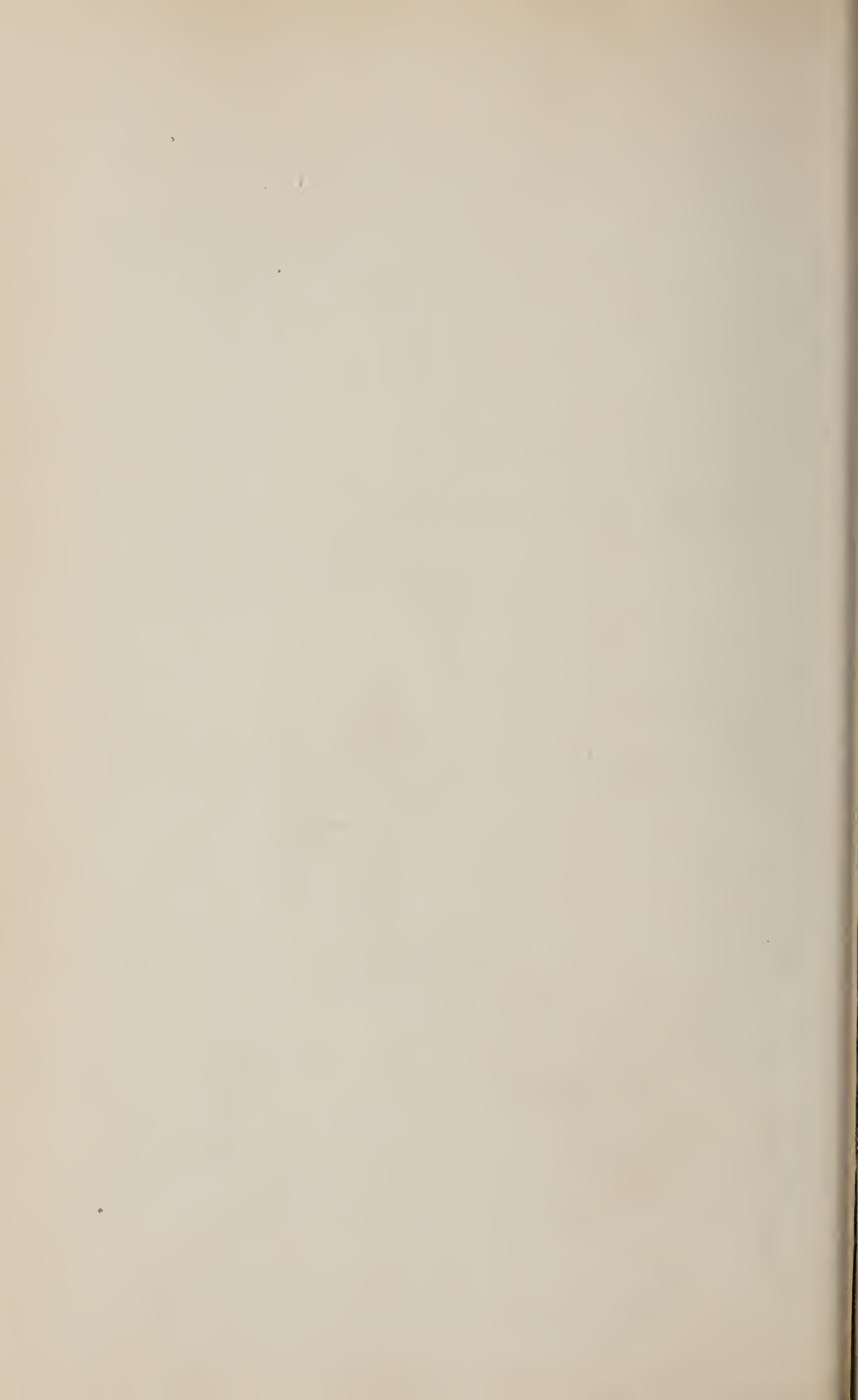
Calves.....	20,072	486
Sheep.....	12	0
Cattle.....	30	1

NUISANCES ABATED, REGULATIONS ENFORCED, LICENSES GRANTED, CONTAGIOUS CASES INVESTIGATED, ETC., 1939

Defective ice chest connections	2
Defective barber shop connections	0
Wet and damp cellars remedied	53
Stagnant water on premises removed	29
Stagnant water in streets and gutters removed	14
Dirty yards cleaned	218
Dirty roofs cleaned	6
Dirty buildings cleaned	27
Dirty stairways cleaned	28
Dirty light wells cleaned	5
Dirty cellars cleaned	75
Dirty sheds cleaned	22
Dirty hencoops cleaned	24
Dirty stables cleaned	3
Uncovered manure pits properly covered	1
Manure in yards and lots removed	2
Vacant lots cleaned	43
Filthy garbage receptacles cleaned	115
Filthy garbage bins cleaned	34
New garbage receptacles provided with covers	80
New garbage receptacle covers provided	69
Dead animals removed	60
Dirty ceilings	18
Noisy roosters	25
Leaking roofs	12
Smoke	32
Rats	42
Bugs and fleas	47
Fowls removed from dwelling houses (cellars, attics, etc.)	
Number of houses	10
Obstructed catch-basins cleaned	43
Total nuisances abated	1,852
Unsanitary dwelling vacated	3
Plumbing (peppermint) tests made	2
Keeping hens without license	14
Keeping pigeons without license	6
Hearing notices posted (number premises)	32
Inspections by sanitary inspectors	7,292
Subsequent inspection by sanitary inspectors	6,760
Complaints received by inspectors through office	836
Complaints received by inspectors outside office	270
Complaints received and investigated, no cause	119
Complaints received and investigated, nuisance abated	1,030
Complaints uncompleted	11
Contagious cases (releases)	116
Venereal diseases (lapsed cases, male)	106
Applications considered:	
On application to conduct public dump	0
On application to keep horses	1
On application to keep, kill, and sell live fowl	1
On application to keep and sell live fowl	1
On application to keep pigeons (11) and hens (16)	27
On application to maintain public bath	1
On application to collect garbage (granted 1)	6

Permits granted:	
Hens (keep)	16
Hens (keep, kill and sell)	0
Pigeons	4
Licenses granted:	
Undertakers	45
Massage practice	34
Massage establishments	11
Barber shops	161
Ice cream manufacture	18
Maternity hospital	7
Infant boarding house	9
Milk pasteurization plants	3
Rummage sales	42
Denatured alcohol (dealers)	9
To fill premises	1
Non-alcoholic beverages	5
Registrations:	
Collect and cart offensive material	9
Sell ice	23
Slaughter houses	2
Collect garbage (1); cart garbage through city (3)	4
Legal orders served	57

JOHN D. CROWLEY,
Clerk and Agent.



CITY OF CAMBRIDGE
MASSACHUSETTS

ANNUAL REPORT OF
THE TRUSTEES
CAMBRIDGE
PUBLIC LIBRARY

For the Year Ending December 31, 1939



PRINTED FOR THE DEPARTMENT
UNDER THE DIRECTION OF THE CITY CLERK

ANNUAL REPORT OF TRUSTEES OF THE CAMBRIDGE PUBLIC LIBRARY

For the Year Ending December 31, 1939

TRUSTEES

JAMES F. FITZGERALD.....	Term expires January, 1941
JULIA T. BOYLE.....	Term expires January, 1941
RICHARD J. COSTELLO.....	Term expires January, 1941
DANIEL A. BUCKLEY.....	Term expires January, 1942
ELEANOR DALY.....	Term expires January, 1942
HENRY J. MAHONEY.....	Term expires January, 1943
ALMA M. BOUDREAU.....	Term expires January, 1943

Secretary

ALMA BOUDREAU

Chairman

JAMES F. FITZGERALD

Treasurer

ELEANOR DALY

LIBRARIAN

THOMAS J. SULLIVAN

CENTRAL LIBRARY

Broadway and Trowbridge Street

The central library is open daily, except holidays, from 9 a.m. to 9 p.m. On Sundays the central library is open to readers only from 2 to 6 p.m. From June 1 to October 1 the central library is closed on Sundays. During July and August library closes at 1 o'clock Saturday.

BRANCH LIBRARIES

Open Week Days Only

* EAST CAMBRIDGE BRANCH, 271-273 Cambridge Street
Open from 9 a.m. to 9 p.m.

NORTH CAMBRIDGE BRANCH, Walden and Meade Streets
Open from 9 a.m. to 9 p.m.

CENTRAL SQUARE BRANCH, Municipal Building, Central Square
Open from 9 a. m. to 9 p.m.

CAMBRIDGE FIELD BRANCH, the Shelter, Cambridge Field
Open from 9 a.m. to 9 p.m.

MOUNT AUBURN BRANCH, Aberdeen Avenue
Open from 9 a.m. to 9 p.m.

OBSERVATORY HILL BRANCH, 146 Huron Avenue
Open from 9 a.m. to 9 p.m.

* After September, 42 Sixth Street.

STAFF

THOMAS J. SULLIVAN, Librarian

OFFICE

ELEANOR McLAUGHLIN, Librarian's Assistant

KATHERINE M. O'NEILL, Chief of Order Department

REFERENCE DEPARTMENT

AGATHA L. KILLEEN, Chief

ALICE O'BRIEN, Assistant

RITA CASSIDY, Assistant

CIRCULATION DEPARTMENT

ELIZABETH H. WALSH, Chief

ELIZABETH McKEEVER, Assistant

MARY SULLIVAN, Assistant

JUVENILE DEPARTMENT

ANNA SEXTON, Chief

HELEN KELLY, Assistant

CATALOGUE AND REPAIR DEPARTMENT

LAURA SILLEY, Chief

ALICE TIERNEY, Assistant Cataloguer

MARY CRONIN, Assistant Cataloguer

ANNA SULLIVAN, Repair Assistant

MARY FITZGERALD, Repair Assistant

FLORENCE M. LYONS, Chief of Registration

MARY MAHONEY, Billing Department

NORTH CAMBRIDGE BRANCH

MARION McCALL, Librarian

MARY FINUCANE, Desk Assistant

MARY McCARTHY, Desk Assistant

EAST CAMBRIDGE BRANCH

CATHERINE A. McALEER, Librarian

MARY MARKHAM, Desk Assistant

ALICE RONCHETTI, Desk Assistant

CENTRAL SQUARE BRANCH

MARY M. COTTER, Librarian

JULIA STARKEY, Desk Assistant

EMMA HARRINGTON, Desk Assistant

CAMBRIDGE FIELD BRANCH

LILLIAN C. SCOTT, Librarian

HELEN M. CAHILL, Desk Assistant

ELIZABETH FINN, Desk Assistant

MOUNT AUBURN BRANCH

MARY FITZPATRICK, Librarian

ISABELLE McGOWAN, Desk Assistant

HELEN DELANEY, Desk Assistant

OBSERVATORY HILL BRANCH

GERTRUDE SCOTT, Librarian

MARY JOYCE, Desk Assistant

MARY McDONOUGH, Desk Assistant

HEAD JANITOR

CORNELIUS F. DINAN

JANITORS

JOHN B. SLATTERY, Central Library
JULIA FITZSIMMONS, Central Library
WALTER HACKETT, Field
ARNOLD NELSON, North Cambridge
WALTER CONNELL, North Cambridge

STACK STAFF

JOSEPH REAGAN

JOSEPH BUCKLEY

PAGES AND PART-TIME WORKERS

LAWRENCE BILODEAU
CHARLES COTE
FRANCIS J. HENRY
WARREN JOHNSON
WILLIAM J. MANNING
LEO MURPHY

DONALD KELLEY
JOSEPH FITZGERALD
EDWIN POLLEY
ARTHUR REARDON
GEORGE WALLACE
ROBERT FELONEY

ANNUAL REPORT OF TRUSTEES OF THE CAMBRIDGE PUBLIC LIBRARY

To His Honor the Mayor:

The Board of Library Trustees in presenting the eighty-second annual report take this opportunity to express to Your Honor their appreciation of your co-operation in making the year 1939 the most outstanding in the history of the Library.

The liberal book appropriation brought an immediate response through a gain of 67,212 volumes in circulation. Through your keen understanding of the needs of the Library it was possible to add many books for the school collection and thus start to rehabilitate this very essential service to the community.

The Board further wishes to express its appreciation of the fine new branch building for East Cambridge. Your whole-hearted co-operation made this possible and the patrons of that branch have proven the wisdom of the building and its location.

The Board also wishes to report that the new quarters in the renovated Boardman School obtained through you by the chairman of the special committee, Mrs. Julia T. Boyle, are completed and will be ready early in 1940. This branch will offer a service to a quarter of the city which has been inadequately served for a long period.

It is the earnest hope of the Board that this program which you have inaugurated will continue until the City has seven such units serving efficiently an appreciative citizenry.

The Board of Trustees offer their unanimous expression of praise for the continued interest in the Public Library and your sincere co-operation in all its activities.

JAMES F. FITZGERALD
RICHARD J. COSTELLO
DANIEL A. BUCKLEY
ELEANOR L. DALY
JULIA T. BOYLE
ALMA M. BOUDREAU
HENRY J. MAHONEY

REPORT OF LIBRARIAN

I hereby submit the eighty-second annual report of the Cambridge Public Library.

The year 1939 will long remain one of the most successful years in the history of the Library. For 1939 marks among other things the erection of the first library branch building, the complete renovation of the main library and the second successive year of an increased circulation.

Chairman of the Board, Daniel A. Buckley, appointed a special committee consisting of Mrs. Julia T. Boyle, Chairman, and James F. Fitzgerald to look into branch buildings and to arrange a program for East Cambridge. This committee did its work thoroughly and well. Mayor John W. Lyons gave the plan his ardent support and obtained Federal funds through a Public Works Administration grant. Architects' plans were submitted and McLaughlin and Burr were awarded the contract. On September 11, 1939 the new branch building in East Cambridge was dedicated with a fitting ceremony. Let us hope this is only the first building and that a constructive program will now be arranged for the remaining five branches.

The new branch in East Cambridge is a beautiful one-story brick building with wood and limestone trim. It is enclosed by a wrought iron fence and is surrounded by a lawn. In the rear of the building a macadam service was applied which will offer an outdoor reading room in summer. The building is well lighted and has been equipped with the finest of library furniture. The best proof of the appreciation of this building is the fact that every afternoon and evening it is crowded and the fact that in thirteen weeks there was a 7,000 volume gain in circulation.

Through the efforts of the chairman of this special committee, quarters for the Library were obtained in the newly renovated Boardman School. Here the Library will establish a branch service early in 1941. The quarters in this building have been arranged especially to fit into the work of the Library. The room is extremely well lighted, has soundproof insulation and is easily supervised.

Mayor Lyons and the City Council continues the policy of sufficient money for books. The book item for 1939 was \$15,000 and 15,410 volumes were purchased, including several hundred for school use.

During the summer of 1939, through an arrangement with Park and Recreation Department, books were brought to the various recreation centers and an assistant from the juvenile department assisted the children with summer reading. It is the plan of each department to continue this work in the future.

Story-telling hours have been revived and the children anxiously await this interesting hour each week. Work with schools advanced and through wholehearted co-operation of the School Department the children were given a series of talks on the use of the Library, reference books and the catalog. Teacher-librarians were appointed in each school and they work with Miss Cassidy from the Library in perfecting a system of school loans and circulation. During 1939 the Library loaned 5,109 volumes to the schools, more than in previous years.

Circulation increased 67,212 volumes in 1939, proving that it is necessary to have a generous book appropriation each year in order to maintain an adequate service through our Library.

Branches

Plans are now under way to build from one to three new branches very soon. A branch building is sorely needed in the Central Square and the Observatory Hill section. The present Mount Auburn Branch location should be purchased by the City. There is still the need of library service in North Cambridge district and it is hoped that this need may be realized soon.

Laboring under the handicap of the renovation to the building the staff in the Reference and Circulation Rooms rose to the occasion and report a sizeable increase in borrowers and readers for 1939. Increased book funds brought joy not only to the borrowers but to the library assistants in having more books available. It is also interesting to note the constant demand for non-fiction. There is a noticeable increase in the interest in books on Europe and the situation involving the nations at war. Both biography and economics continue to attract a large number of borrowers.

The closing of the school library increased the work in the Reference Room as all the high school reference work has to be cared for by the Reference staff in conjunction with the adult work. During 1939 a great increase has been noted in the tele-

phone reference work. More borrowers each year avail themselves of this service.

In conclusion I wish to express my appreciation for the continued confidence and support of the Board of Trustees, the loyal and efficient work of the staff. I also take this opportunity to express my thanks to those many friends of the Library for their many gifts to the Library during the year 1939.

THOMAS J. SULLIVAN,
Librarian

LIBRARY STATISTICS

1939

Number of Card Holders

Borrowers registered during year (Central Library).....	1,827
Total number of borrowers (Central Library).....	21,600

Branch Libraries

Borrowers registered during year (North Cambridge).....	438
Total number of borrowers (North Cambridge).....	5,596
Borrowers registered during year (Central Square).....	550
Total number of borrowers (Central Square).....	9,534
Borrowers registered during year (East Cambridge).....	387
Total number of borrowers (East Cambridge).....	3,658
Borrowers registered during year (Cambridge Field).....	370
Total number of borrowers (Cambridge Field).....	4,318
Borrowers registered during year (Mount Auburn).....	181
Total number of borrowers (Mount Auburn).....	1,764
Borrowers registered during year (Observatory Hill).....	371
Total number of borrowers (Observatory Hill).....	4,503

At Central Library and Branches

Total number of borrowers (those who have registered for new cards since January, 1931).....	50,973
--	--------

Accessions

Central Library

	1938	1939
Added by purchase (new books).....	5,197	5,395
Added by purchase (replacements).....	170	202
Added by purchase (from funds).....	1,128	308
Added by gift.....	225	371
Binding.....	39	22
Lost books found.....	84	40
	<hr/> 6,843	<hr/> 6,338

Branch Libraries

Added by purchase (new books).....	5,919	8,580
Added by purchase (replacements).....	275	327
Added by gift.....	34	109
Added by transfer from Central Library.....	66	56
Lost books found.....	0	0
	<hr/> 6,294	<hr/> 9,072

Total accessions.....	13,137	15,410
-----------------------	--------	--------

Deductions

Central Library

Discarded.....	781	3,249
Missing.....	577	44
Transfer to Branches.....	66	56
	<hr/> 1,424	<hr/> 3,349

Branch Libraries

	1938	1939
Discarded.....	2,743	2,529
Missing.....	337	505
	<hr/> 3,080	<hr/> 3,034
Total deductions.....	4,504	6,383
Net gain.....	8,633	9,027
Total volumes in Central and Branches.....	186,444	195,471

Distributed as Follows

Central Library.....	132,336	135,325
North Cambridge.....	11,024	11,951
Central Square.....	9,385	10,122
East Cambridge.....	10,652	12,417
Cambridge Field.....	8,977	9,816
Mount Auburn.....	7,903	8,945
Observatory Hill.....	6,167	6,862
New Branch at Boardman School.....	....	33
	<hr/> 186,444	<hr/> 195,471

CIRCULATION BY CLASSES, 1939

Adult

	Central Library	North Cambridge Branch	Central Square Branch	East Cambridge Branch	Cambridge Field Branch	Mount Auburn Branch	Observatory Hill Branch
General Works	450	96	23	20	32	53	89
Philosophy	2,116	185	173	157	141	417	296
Religion	1,576	1,815	103	227	139	489	169
Sociology	5,235	1,088	354	389	358	1,153	446
Philology	676	343	13	103	109	428	106
Science	2,163	664	114	119	138	1,349	253
Useful arts	5,009	1,067	397	223	327	783	533
Fine arts	4,307	1,123	226	90	275	805	607
Music	1,938	.....	.....	.....	.....	.....	.....
Literature	8,653	4,418	697	1,699	1,239	2,809	1,104
History	10,082	3,738	1,047	627	912	2,458	1,578
Biography	9,703	3,089	521	482	994	2,252	1,246
Magazines	2,424	5,447	1,005	1,238	872	3,998	3,450
Fiction	107,090	51,733	25,334	27,550	33,139	31,130	38,730
	161,422	74,806	30,007	32,924	38,675	48,124	48,607

Juvenile

	Central Library	North Cambridge Branch	Central Square Branch	East Cambridge Branch	Cambridge Field Branch	Mount Auburn Branch	Observatory Hill Branch
General Works	65	29	20	45	41	2,260	77
Philosophy	65	14	37	32	44	438	80
Religion	290	162	112	246	76	588	173
Sociology	3,263	4,607	1,840	2,597	2,124	3,474	1,903
Philology	89	293	122	142	141	541	123
Science	1,315	516	257	354	343	1,416	365
Useful arts	966	598	199	459	295	788	431
Fine arts	617	696	214	429	335	787	446
Music . . . . .	.....	.....	.....	.....	.....	.....	.....
Literature	1,362	2,844	439	934	971	3,124	750
History	1,557	5,366	613	1,056	873	2,568	935
Biography	821	1,906	203	302	362	2,556	429
Magazines	503	386	66	265	96	1,853	261
Fiction	32,372	31,494	9,717	16,275	19,207	24,358	15,966
	43,285	48,911	13,839	23,136	24,908	44,751	21,939

Total Circulation				
	1938	1939	Loss	Gain
Central Library	180,371	204,707	....	24,336
North Cambridge Branch	114,607	123,717	....	9,110
Central Square Branch	42,887	43,846	....	959
East Cambridge Branch	48,640	56,060	....	7,420
Cambridge Field Branch	60,018	63,583	....	3,565
Mount Auburn Branch	83,192	92,893	....	9,701
Observatory Hill Branch	65,698	70,546	....	4,848
Schools	28,490	35,763	....	7,273
Total	623,903	691,115	....	67,212
Net gain				67,212

Books to Outside Agencies				
Grade Schools	4,007	5,109	....	1,102
Branch Libraries	1,503	1,983	....	480

LIBRARY STATISTICS ACCORDING TO FORM ADOPTED BY AMERICAN LIBRARY ASSOCIATION

Annual report for year ending December 31, 1939.

Name of Library: Cambridge Public Library, Cambridge, Mass.

Name of Librarian: Thomas J. Sullivan.

Date of founding: 1858.

Population served (latest statistics) 118,075.

Assessed valuation of city or town: \$171,869,700.

Rate of tax levy: \$40.50 per thousand.

Terms of use: Free for lending, free for reference.

Total number of agencies: Consisting of Central Library; Branches 6; Stations, 2; other agencies, 24 schools.

Number of days open during year (Central Library) 335

Hours open each week for lending (Central Library) 72

Hours open each week for reading (Central Library) 76

INCREASE

Number of volumes at beginning of year 186,444

Number of volumes added during year by purchase 14,908

Number of volumes added during year by gift or exchange 480

Number of volumes withdrawn during year 6,383

Total number at end of year 195,471

Number of volumes in Reference Department (included in total) 3,321

Number of volumes added during year by binding material 22

Number of volumes of fiction lent for home use 464,095

Total number of volumes lent for home use 691,115

REGISTRATION

Number of borrowers registered during year 4,124

Total number of registered borrowers 50,973

	Titles	Copies
Newspapers	17	41
Periodicals	210	212

Number of staff, library service 38

Number of staff, janitor service 3

CITY OF CAMBRIDGE
MASSACHUSETTS

ANNUAL REPORT
OF THE
SCHOOL COMMITTEE
AND THE
SUPERINTENDENT OF SCHOOLS
1939



PRINTED FOR THE DEPARTMENT

SCHOOL COMMITTEE

FROM JANUARY 1, 1939 TO JANUARY 1, 1940

MAYOR JOHN W. LYONS*Chairman*

JOHN J. CARVER*Vice-Chairman*

**JOHN J. CARVER, 62 Fayerweather Street

*DR. JAMES J. CASSIDY, 120 Appleton Street

**JAMES F. FITZGERALD, Esq., 117 Spring Street

*WILLIAM F. GALGAY, 10 St. Paul Street

*RALPH W. ROBART, 197 Lexington Avenue

**RUSSELL A. WOOD, 11 Whittier Street

Secretary

EDWARD J. O'CONNELL, 58 Guyette Road

*Term expires December 31, 1939.

**Term expires December 31, 1941.

OFFICERS OF THE SCHOOL COMMITTEE

Superintendent of Schools

MICHAEL E. FITZGERALD 160 Upland Road

Assistant Superintendent of Schools

JOHN M. TOBIN 67 Rindge Avenue

Executive Secretary

WILLIAM F. DONOVAN 59 Magazine Street

Supervisor of Primary Schools

ELIZABETH F. BUTLER 12 Fresh Pond Lane

Supervisor of Kindergartens

ALICE V. MCINTIRE 83 Brattle Street

Supervisor of Measurement and Adjustment

GERTRUDE B. DUFFY 175 Mount Auburn Street

Business Agent

CONSTANTINE J. CHURCH 87 Fayerweather Street

Assistant Business Agent

GERALD T. LISTON 151 Magazine Street

OFFICES AT CITY HALL

Offices open from 8 o'clock A.M. to 4 o'clock P.M. every day excepting Saturday. Saturday from 8 o'clock A.M. to 12 o'clock M.

In Memoriam

HAROLD B. BLAZO

Appointed submaster, September 1910

Appointed master, September 1915

Died, May 1939

CHESTER M. BLISS

Appointed teacher, September 1907

Appointed master, September 1912

Appointed assistant headmaster, October 1930

Died, October 1939

ELIZA M. HUSSEY

Appointed teacher, December 1873

Pensioned, May 1920

Died, June 1939

ADA M. LITCHFIELD

Appointed teacher, May 1891

Died, July 1939

CATHERINE A. McGUINNESS

Appointed teacher, November 1921

Died, November 1939

HELEN F. MOYNIHAN

Appointed teacher, November 1920

Died, March 1939

HATTIE A. THAYER

Appointed teacher, June 1886

Pensioned, July 1917

Died, March 1939

REPORT OF THE SUPERINTENDENT OF SCHOOLS

To the School Committee:

I herewith submit my twenty-eighth annual report, which is the seventy-second in the series of annual reports by the superintendents, and the hundredth of the printed reports of the School Committees of Cambridge.

A century of American education is here recorded, a century of a nation's unfaltering belief in the free public school; supported by the people, and controlled by them through their elected representatives, the members of the School Committee.

In these hundred years, beyond the imagination of men, our nation and its schools have changed. We live subject to pressures and conditions; we face problems and dangers undreamt of by early educators. Nevertheless, under the troubled and shifting currents of contemporary life, the foundations of a free people endure unchanging. The right to freedom, the need for knowledge to use well and keep safe that freedom; upon these foundations our first schools were built, and our schools of tomorrow must rise. That they shall so rise, not educators alone, nor small select groups, must be concerned with the building. Our schools must be in the future as in the past, truly public, a common interest and a common duty, the pride and concern of all. Thus in the lives of our children, in their strength, wisdom and happiness, may be written the purpose and proof of democracy; our American answer to all tyranny and despair.

Unfortunately, because of the increasing complexity of modern education, because of its highly specialized trainings, attitudes and vocabularies, the school and the public have been drawing apart. Too many citizens and too many administrators are losing sight of the fact that the well-being of our schools requires the interested and intelligent support of the public. The people who support the schools have both a right and a duty to know what the schools are doing for their children.

People who do know, who have an intelligent and active interest in the schools, are resistant to the false panaceas of those who would reduce the costs of modern community living by curtailing the educational opportunities of their children. They

know the unreason of those who charge waste and inefficiency, because more teachers are employed today than a decade ago.

Twenty-eight years ago, when I began my service in Cambridge, forty-nine or more children to one teacher was the rule rather than the exception. Today in Cambridge, in the first grades, thirty children for one teacher is the rule, and thirty-five children to one teacher in the succeeding grades. This change has been accomplished in this and other progressive school systems, not to employ more teachers, but to save children. In the words of a current report by the National Education Association Research Division, "Classes must be reasonable in size. This is a day of individual teaching. Each child is an individual problem. Pupils in large classes suffer from lack of opportunity to participate. Large classes, in which individuals can hide behind the group — doing just enough to 'get by' — make for irresponsible pupil attitudes."

A teacher in a classroom with fifty or more pupils may keep them quiet, but cannot keep them learning; cannot really and effectively know and deal with their individual needs and abilities. Doubling the teacher's load, halves his teaching efficiency.

If the current tendency to reduce budgets by overcrowding the public school classroom, and overloading the public school teacher, persists and increases, the enrollment in private schools will increase proportionately. And we may look forward to the time, when in this country as in Europe, the poor attend tax supported schools, and the privileged private schools; and between the two widens a social and economic gulf. The final result of cheapening the public schools must be an un-American and undemocratic division into classes.

Citizens who know what their schools are doing, need to know, too, what other schools are not doing. They need to know how by misinterpreting and evading State laws by maintaining the forms without the realities of essential services, administrators may effect temporary savings at the expense of the children; and at the ultimate expense of the communities they are thus shortsightedly serving. It does not require the educator's specialized knowledge to know that funds saved by neglecting the physical and mental ills of children, will be later spent with heavy interest by the police and welfare agencies of the same communities.

Here in Cambridge we have a long and fine tradition of community interest in, and support of, the schools. That it may endure and increase, I recommend that the masters and supervisors consider ways and means of bringing the work they are accomplishing to the attention of parents and citizens, of bringing the public increasingly and frequently into the schools, on to the playgrounds, into the workshops and classrooms. I further recommend that we make a study of what is being elsewhere accomplished by school directors of public relations. The schools are a vital function of democratic government; and today, as never before, the vital functions of democratic government need to be honestly and fully explained to the people whom they serve, and by whom they are supported.

The past year has been a happy and productive one in the Cambridge schools. It has seen the completion and use of the new Webster School, a modern and model building, in every way worthy of the city and the district it serves. In June, the class of 1940 will be graduated from the new High and Latin School; and the faculty and students will have the unrestricted use of a physical plant fully adequate to their needs, a lasting expression of the community's pride in the school and its achievements.

We must in the nation, state and city, give immediate and productive attention to the problem of unemployed youth. The director of the American Youth Commission, Dr. Floyd B. Reeves, has in few words placed the situation before us. "Unemployment rates of thirty to sixty per cent" (among our youth) "cannot be explained merely by depression conditions. They indicate rather a breakdown of the traditional procedures by which in the past young people have been inducted into the working world." Answering this challenge, the Cambridge Youth Commission, planned by and under the supervision of the chairman of the School Committee, is bearing quick and significant fruit in aiding the social and economic adjustments of boys and girls of high school age. An inspiring example of community planning and service, the Commission has opened a field too long neglected, and rich in its promise of future harvest.

Because of their significance, and their interest for all Cambridge citizens, I append to my own the following reports, regretting as I do so the limitation of space which prevents the inclu-

sion here of the reports of other departments and services not less worthy of public attention.

Finally, once more may I record here my deep gratitude to the men and women of the Cambridge schools, for these many years the source of my strength. It is for them I speak; it is their work, their success, I here record. In their name, as for myself, I thank the chairman and the members of the School Committee for unselfish, wise and generous guidance.

Respectfully submitted,

M. E. FITZGERALD,
Superintendent of Schools.

REPORT OF HEADMASTER OF THE HIGH AND LATIN SCHOOL

Mr. M. E. Fitzgerald, Superintendent of Schools:

I herewith submit my report of the High and Latin School for the past year.

The total registration as of January, 1940, was 3,649. The freshmen were divided in courses as follows: 211 college preparatory and normal preparatory, 16 general, 525 commercial, and 73 practical arts. The graduating classes of late years have numbered around 600. Each year, approximately 100 students have continued their studies in some kind of higher institution. Securing admission to these institutions is increasingly difficult. This fact is due largely to the increase in the number of applicants. When an institution has several times as many applicants as it can possibly admit, it naturally selects from the top of the group.

The American high school was originally a college preparatory school. Its chief function was to prepare its pupils for higher education and its curriculum was limited to the admission requirements of the higher institutions. The school population was quite homogeneous, at least in its educational aims. Later, commercial, secretarial, practical arts and manual training subjects were added to the high school curriculum. These additions, however, did not radically alter the character of the school body. Young people who did not care for high school secured jobs of one kind or another as soon as they were fourteen years of age and could pass a very simple educational requirement.

The passage of the sixteen-year law, followed by the depression of recent years, has changed conditions tremendously. Hundreds go to high school now because they are not sixteen years of age and more hundreds who are sixteen remain because they cannot secure employment.

The public at large is too prone to think of a high school in terms of its own school days when the school body was homogeneous and the purpose of the school comparatively simple.

Preparing for college is an important function of the school and should be done well, but its accomplishment is not difficult if the teachers are capable. The requirements for such work are definite, the standards of the work are well understood, and the

subjects concerned are those which have been taught for many years. When one is asked, however, what will best serve the needs of those thousands of boys and girls who are not going beyond high school or even through the school, finding a good answer is indeed difficult. Certainly a satisfactory one has not yet appeared.

We have too long made a fetish of a standard common to all and that standard all too often one of college preparation. If a school is doing that well the school is good, but if not it is bad. Such a criterion is altogether too narrow for today. The school that is satisfied with doing only one of its functions well is sadly unconscious of its greater responsibility.

A standard should be common to all only when measured in terms of opportunity for the fullest development of this or that group. Certainly it is far from me to make any attempt to divide pupils except along broad general lines. Standards, however, must be measured in terms of service if they are to have value. Every large high school has among its pupils groups of varying ability. The grouping should be made with great care with the one purpose of offering each particular group the best possible chances for self-development. Then it will be possible for each group to show some real accomplishment in work for which it is adapted. Any other plan means failure for many and with that failure loss of courage and self-confidence.

Table I gives a picture of the student body in the High and Latin School. In the 3,565 of the school, which is nearly the total registration, there are 1,857, or 53 per cent whose parents are foreign born. Forty-two nationalities are represented, besides the United States.

The school is very heterogeneous from a racial point of view. Such a condition furnishes a challenge to all interested in education but with it an inspiration. Here in this country all these boys and girls are working together with friendliness toward one another and with a common ambition. That ambition is to become good Americans — Americans appreciating their rights, sensible of their civic duties, determined to preserve our Americanism and pass it on enriched to others.

With all the cultures represented by these nations being poured into a common whole, the American of the future should indeed be a very richly endowed man. It is both the duty and the privilege of the schools to help develop that American.

TABLE I
BIRTHPLACES OF PARENTS

United States of America	1,708	Italy	368
Albania	9	Japan	1
Armenia	33	Latvia	1
Australia	1	Lithuania	62
Austria	5	Newfoundland	86
Azores	13	Norway	3
Barbados	130	Nova Scotia	31
Belgium	1	Panama	1
Brazil	3	Philippines	1
Canada	205	Poland	116
China	4	Portugal	89
Czechoslovakia	1	Roumania	8
Denmark	4	Russia	115
England	47	Scotland	41
Finland	4	Šmyrna	1
France	5	Spain	3
Germany	17	Sweden	13
Greece	141	Syria	8
Guatemala	1	Turkey	13
Hungary	2	Ukraine	2
Ireland	262	Wales	6

Forty-two Nationalities

United States of America	1,708 = 47%
Foreign born parentage	1,857 = 53%
Total	3,565

Table II was made by Miss Duffy and shows the intelligence ratings of the entering classes for the past eight years. Each year practically all the class was given the Terman Group Test. The table shows two very striking facts — one that the mental age of the present freshman class ranges from nine years six months to twenty years four months, and the other that the class has ninety-four with a mental age under twelve years. This group, as a whole, cannot do what is considered work of high school grade. If the tests were given in the seventh or eighth grades the information thus gained would be of the utmost value to the grammar masters in advising their senior classes. If the ninety-

TABLE II
Eight-Year Study of Mental Ratings in Freshman Class

	1932	1933	1934	1935	1936	1937	1938	1939
Number Examined	870	891	832	898	947	925	947	875
I. Q.'s								
Range .....	.66-1.42	.69-1.43	.65-1.44	.63-1.46	.61-1.45	.64-1.43	.62-1.46	.64-1.48
Median .....	.94	.97	.96	.96	.97	.98	.97	.98
Highest Quartile	1.03	1.07	1.05	1.05	1.07	1.09	1.08	1.09
Lowest Quartile .....	.86	.88	.87	.88	.86	.88	.87	.88
M. A.'S								
Range	10-7 to 18-4	10-7 to 18-9	10-4 to 18-5	10-1 to 18-4	9-9 to 19-9	9-9 to 19-6	9-6 to 19-6	9-6 to 20-4
Median	13-5	13-11	13-8	13-11	13-9	14-2	13-10	13-11
Highest Quartile	14-7	14-10	14-10	14-10	15-0	15-4	15-10	15-3
Lowest Quartile	12-6	12-11	12-9	12-11	12-3	13-0	12-3	12-10
M. A.'s below twelve years ..	80	48	54	56	124	100	121	94

four are unable to do high school work, what can they do? That is a real problem and it must be met. They have a right to be trained for the best development of their powers. Anyone studying this Table II will find it very illuminating and rather disturbing.

This year has been difficult in some ways because of the two sessions and the building operations. The teachers, however, have met the situation well and reduced to a minimum any loss coming to the pupils.

The death of Mr. Bliss was a great loss. For more than thirty years he had given unreservedly of his ability and energy. He was outstanding as a teacher, as a man; and a lover of youth.

In closing, let me express my appreciation of the help I have received from you and Mr. Tobin.

Respectfully submitted,

(Signed) L. L. CLEVELAND,
Headmaster.

REPORT OF DIRECTOR OF AMERICANIZATION

Mr. M. E. Fitzgerald, Superintendent of Schools:

Adult alien education is so vital in its influence, so necessary in its functions, so broad in its scope, that its importance to American life, and to the principles of American democracy cannot be overestimated.

Although adult alien education is, in itself, optional to the foreign born, the necessity for training in English for the purpose of obtaining employment, certain requirements for naturalization, plus the great current changes in social and economic conditions, make it highly desirable that the adult alien attend Americanization classes — not for one or two years only, but for at least three or four years.

Rampant in the world today is a great civic, social and economic unrest, from which our own United States are not entirely immune. With this unrest has come, in the old world, the breakdown of much that we, as Americans, hold near and dear to us, and upon which the principles of our American democracy have been built.

Propaganda of the subtlest and most dangerous character is being spread, and even the well educated among the American born are often innocent victims of it, although they are and always have been gifted with a free press, free speech and the great educational opportunity of free schools.

The foreign born are naturally, however, because of their alien origin considered better prospects for un-American propaganda. It is especially desirable and necessary, then, that the alien should be trained to think for himself in order to help him to accept or reject ideas presented to him directly or indirectly in his daily life.

The alien is affected especially by his environment just as he, to a certain extent, affects his environment. The Americanization school, therefore, with its American contacts, with its presentation and discussion of the social and economic phases of American life, in charge of well trained and sympathetic teachers offers the greatest opportunity for the mental growth and development of the foreign born. It is by every test and measurement the

most important factor to be considered in the direction and training of thought. In this connection the elimination of illiteracy or of a limited knowledge of English is fundamental in its necessity.

Illiteracy is a barrier to civilization and enlightenment at any time, but today, when so many known and unknown dangers to democracy exist, boring in secretly and insidiously from within as well as from without, illiteracy presents an overwhelming menace, a menace which makes the foreign born unfortunately the easy victims of propaganda. The aim of such propaganda is too often the resort to violence, the overthrow of government, and the destruction of democracy. These aims and purposes can reach, to a certain extent at least, into every phase of our social and economic and political life, and they are a direct challenge to orderly process.

The responsibility of Americanization is therefore great, first in the elimination of illiteracy, and also in shaping and guiding the thought and intelligence of the literate. Widespread opportunity for educational training and study is of the utmost importance.

The first step in the Americanization process is teaching English — speaking, reading and writing it. It is the first step toward building a social intelligence where constructive and independent thinking can take place. In so doing it becomes an antidote to subversive propaganda of whatever type or kind.

Little by little as the intelligence born of education grasps the true meaning of democracy and the problems which confront it, progressive improvement will take place in the mental equipment and consequently in the understanding of the foreign born group as a whole, and particularly those formerly known as illiterate.

The Americanization project includes not only the beginners' classes for the illiterate and the non-English speaking literate, but also intermediate classes for those who have finished the beginners' class, or have attained some reading and speaking ability. Further adequacy in English is provided for in the advanced classes, and a major problem is presented in the preparation for American citizenship. Guidance along this line has become more effective because, early in the process of teaching English the thoughtful supervisor, in her long view appraisal of her work, has sought for the development of clear thinking and proper judg-

ment. There is, happily, no longer so wide an educational gap between "First Paper" and "Second Paper" groups, and the situation as it exists today presents a more effective and favorable understanding and attitude on the part of the student.

The pupil preparing for naturalization enters a citizenship class more plastic in thought, more sympathetic toward unsolved problems and much more intelligent on how he may aid in solving them. In this frame of mind he is presented thirty-five lessons on the study of the "Basic Principles of the Government of the United States" including such topics as "Supremacy of Law," "Democratic Government," and "Freedom and Equality."

The organization of the United States Government is explained, and the protection and privileges of the citizen under the American Constitution, and the American form of government, are treated and discussed.

The relationship of the individual to the Government, and especially to the Constitution of the United States, is dwelt upon in detail, with personal application drawn from the daily life of students.

And lastly, but by no means of least importance, the responsibilities of the naturalized citizen are taken up. A clear understanding is sought of the duties and obligation the foreign born assume in becoming citizens of the United States. This phase of the work is related to the daily life of the individual, with as many personal applications as possible. A direct challenge is made to the integrity and honesty of purpose of future Americans, in so stressing the benefits of American citizenship, and likewise its tremendous responsibilities.

A rather detailed description of the Americanization work is given here, because at no time in the history of our country has democracy faced the test that it does today. Seen and unseen forces are at work in an effort to undermine and destroy the working of democratic government, and substitute in its place a form of government which denies to America the inherent rights and privileges bestowed upon us by our magnificent heritage under the United States Constitution.

As the foreign born form a bloc, within which serious defections could arise, it is of the utmost importance that the largest possible number of this group come under instruction, and that the instruction be continuous, and of such a nature that the pupil

may acquire the power to think clearly and for himself, to reject false propaganda, and to make sure that he does not provide a fertile field for un-American activities. In our evening schools and Americanization classes, I feel that this praiseworthy objective is being achieved.

In closing I wish to express to you my appreciation for the valuable advice which you have given me on so many occasions, and to the Director of Evening Schools for his helpful assistance in solving the problems of the foreign born.

Respectfully submitted,

(Signed) ROSE M. RONDEAU,
Director of Americanization.

ENROLLMENT DATA IN AMERICANIZATION CLASSES FOR THE YEAR 1939

Enrollments in the various types of Americanization classes were as follows:

Evening Schools

Total Number of Classes	Total Enrollment
21	660

Factory Classes

Total Number of Classes	Total Enrollment
9	168

Afternoon Classes

Total Number of Classes	Total Enrollment
10	209

Home Classes

Total Number of Classes	Total Enrollment
6	70

Neighborhood Club and Other Classes

Total Number of Classes	Total Enrollment
28	657

Total Number of Classes	Total Enrollment
74	1,764*

* January through June, and October through December, 1939.

(Signed) ROSE M. RONDEAU.

FOR THE FINANCIAL YEAR FROM JANUARY 1, 1939
TO DECEMBER 31, 1939

Amount appropriated for 1939 \$1,875,596 33

RECEIPTS

Tuition, Boston City Wards	\$221 72
Tuition, State-Aided Vocational Classes	128 40
Tuition	1,339 89
Chapter 70 G. L.	134,798 00
From State-Vision Class	1,000 00
Rent of halls	1,794 00
Lunchroom receipts	14,717 09
Miscellaneous receipts	992 22
Reimbursement from State-Aided Vocational Classes	21,888 73
Total	<u>\$176,880 05</u>

EXPENDITURES

Salaries of teachers, all schools	\$1,489,270 71
Teachers examinations	263 39
Administrative salaries	67,579 50
General administrative expenses	7,655 68
Textbooks	15,999 65
Supplies	31,080 09
Transportation of pupils	1,858 50
Tuition to other cities	1,774 18
Boys at County Training School	186 57
Janitor salaries	131,769 50
Janitor's supplies	3,460 13
Fuel and light	62,496 91
Repairs to buildings	11,986 01
Furniture and furnishings	929 40
Travel outside State	100 00
Other school expenses	10,172 85
Refund on Minors' Licenses	50 25
Pensions	1,996 43
Lunch rooms supplies	10,998 24
Athletic clothing	1,964 35
Museum supplies and extra service	186 33
WPA nursery classes supplies	1,332 44
WPA projects	1,000 00
Retirement Fund, 1939	4,798 20
Physician	1,000 00
Vocational guidance	150 00
Total expenditures	<u>\$1,860,059 31</u>
Balance unexpended	<u>\$15,537 02</u>

WPA projects appropriations.....	\$1,000 00
Balance from 1938.....	4,832 14
	<hr/>
Total appropriation.....	\$5,832 14
Expended.....	5,584 17
	<hr/>
Unexpended balance.....	\$247 97

WPA PROJECTS

	Allotted	Expended	Balance
Agassiz School.....	\$208 96	\$208 96	.....
Fletcher School.....	12 10	12 10	.....
Morse School.....	927 65	927 65	.....
Haggerty School.....	85 66	85 66	.....
Kelley School.....	32 09	32 09	.....
Leonard School.....	668 69	653 81	\$14 88
Putnam School.....	3,051 31	2,985 75	65 56
Rindge School.....	229 00	61 47	167 53
Thorndike School.....	7 00	7 00	.....
Lincoln School.....	411 70	411 70	.....
Book repairing.....	197 98	197 98	.....
	<hr/>	<hr/>	<hr/>
	\$5,832 14	\$5,584 17	\$247 97

TABLE SHOWING VALUE OF BUILDINGS, LAND AND EQUIPMENT

	Buildings	Land	Total
Putnam School	\$65,900 00	\$8,700 00	\$74,600 00
Thorndike School	100,000 00	14,400 00	114,400 00
Gannett School	7,800 00	3,100 00	10,900 00
Roberts School	561,000 00	20,100 00	581,100 00
Kelley School	80,000 00	9,400 00	89,400 00
Wellington School	133,000 00	14,900 00	147,900 00
Fletcher School	94,400 00	8,600 00	103,000 00
Morse School	80,400 00	11,100 00	91,500 00
Willard School	28,100 00	8,000 00	36,100 00
Webster School	154,600 00	11,100 00	165,700 00
Harvard School	71,800 00	11,800 00	83,600 00
Longfellow School	474,100 00	28,900 00	503,000 00
Houghton School	261,300 00	7,500 00	268,800 00
Rindge School	1,356,400 00	105,800 00	1,462,200 00
High and Latin School	498,900 00	92,500 00	591,400 00
Agassiz School	122,100 00	11,800 00	133,900 00
Ellis School	50,000 00	7,600 00	57,600 00
Sleeper School	30,000 00	8,400 00	38,400 00
Wyman School	5,900 00	4,600 00	10,500 00
Lincoln School	215,400 00	11,800 00	227,200 00
Peabody School	68,000 00	22,900 00	90,900 00
Lot . . . . .	.....	6,400 00	6,400 00
Lowell School	6,500 00	5,500 00	12,000 00
Russell School	239,500 00	31,300 00	270,800 00
Lot . . . . .	.....	.....	.....
Haggerty School	45,300 00	8,200 00	53,500 00
	\$4,750,400 00	\$474,400 00	\$5,224,800 00

COST OF INSTRUCTION FROM JANUARY 1, 1939 TO JANUARY 1, 1940

SCHOOLS AND OFFICERS	Cost of Instruction	Average Number of Pupils for the Year ending in December	Cost per Pupil
High and Latin School.....	\$366,209 64	3,402	\$107 64
Rindge Technical School.....	231,026 97	1,543	149 72
Grammar Schools.....	376,876 23	5,696	66 16
Primary Schools.....	205,304 35	3,228	63 69
Kindergartens.....	57,024 68	758	75 23
Open Air Classes.....	28,041 54	183	153 23
Ungraded Classes.....	22,227 49	127	175 02
Substitute Teachers.....	22,714 50	....	....
Vocational and Continuation School for Girls...	4,664 68	....	....
Department of Art.....	11,392 00	....	....
Department of Music.....	13,638 45	....	....
Department of Physical Education.....	32,167 78	....	....
Manual Training and Pre-Vocational Work.....	28,386 77	....	....
Central Trade and Continuation for Boys.....	23,006 68	....	....
Teachers of Sewing.....	10,197 25	....	....
Teacher of Cooking.....	3,193 89	....	....
Teacher of Stammerers.....	1,994 00	....	....
Teachers of Vision Class.....	3,921 33	....	....
Teacher of Lip Reading.....	1,994 00	....	....
Opportunity Class.....	4,869 82	....	....
Home Teachers.....	13,114 63	....	....
Teachers at Museum.....	4,986 64	....	....
Athletics.....	8,025 00	....	....
Physician.....	1,000 00	....	....
Superintendent.....	7,700 00	....	....
Assistant Superintendent.....	4,866 67	....	....
Supervisor of Primary Schools.....	2,800 00	....	....
Supervisor of Kindergartens.....	2,800 00	....	....
Business Agent.....	3,750 00	....	....
Clerks.....	18,867 00	....	....
Assistant Storekeeper.....	1,820 00	....	....
Supervisors of Attendance.....	14,125 83	....	....
Measurements and Adjustments.....	6,042 43	....	....
Teachers Examinations.....	263 39	....	....
Total.....	\$1,539,013 64	14,937	\$103 03

The per pupil costs in the High and Latin, Rindge Technical, Grammar and Primary Schools, Special Classes, Kindergartens and Open Air Classes are listed above.

Cost of instruction in the Evening Elementary Schools.....	\$1,452 50
Cost of instruction in the Evening High School.....	5,406 00
Cost of instruction in Rindge Evening Industrial.....	5,733 96
Total.....	\$12,592 46
Cost of instruction in Americanization, Director and Field Worker...	\$4,350 00
Cost of instruction in Americanization, Afternoon Classes.....	\$2,157 50

COST OF INSTRUCTION IN THE EVENING SCHOOLS

YEAR	Drawing	Industrial	High	Elementary	Total
1935.....	\$171 00	\$4,741 00 ¹	\$6,628 00	\$5,444 00	\$16,984 00 ¹
1936.....	391 50	3,933 00 ²	6,183 00	1,464 00	11,971 50 ²
1937.....	400 50	4,314 00 ³	6,077 00	1,472 50	12,264 00 ³
1938.....	486 00	5,800 00 ⁴	6,642 00	1,808 00	14,736 00 ⁴
1939.....	499 50	5,395 00 ⁵	5,406 00	1,452 50	12,753 00 ⁵

GENERAL STATISTICS

Population of Cambridge

1900.....	91,886	1920.....	109,694
1910.....	104,839	1930.....	113,643

NUMBER OF TEACHERS IN THE DAY SCHOOLS

DECEMBER	High and Latin School	Rindge Technical School	Elementary Schools	Kinder-gartens	Continuation School Central Vocational Class	Directors and Special Teachers	Total
1935	148	76	359	37	10	51	681
1936	153	77	355	35	10	50	680
1937	146	77	359	38	11	53	684
1938	153	83	353	38	12	53	692
1939	149	84	354	40	12	54	693

{ This amount includes \$126.63 received from Smith-Hughes Fund.
¹ { This amount includes \$63.46 received from George-Ellzey Fund.
² This amount includes \$93.54 received from Smith-Hughes Fund.
³ This amount includes \$100.30 received from Smith-Hughes Fund.
⁴ This amount includes \$100.39 received from Smith-Hughes Fund.
⁵ This amount includes \$160.54 received from Smith-Hughes Fund.

COST OF INSTRUCTION IN THE DAY SCHOOLS

*Salaries of Teachers, Superintendents, Supervisors, Agent, Clerks,
and Supervisors of Attendance*

YEAR	Number of Teachers in December	Number of Pupils in December	Average Number of Pupils for Year ending in June	Total Cost	Cost per Pupil
1930.....	648	15,610	15,392	\$1,437,718 25	\$93 41
1931*.....	678	16,044	15,434	1,128,912 08*	70 36
1932.....	692	16,201	15,738†	1,530,247 64	97 23
1933.....	695	16,561	15,899†	1,536,943 42	96 67
1934.....	677	16,505	15,757†	1,532,001 58	97 23
1935.....	681	16,329	15,742†	1,548,916 87	98 39
1936.....	680	15,999	15,636†	1,551,430 12	99 22
1937.....	684	15,410	15,327†	1,529,010 51	99 76
1938.....	692	15,571	15,450†	1,524,469 25	98 67
1939.....	693	15,215	14,937	1,539,013 64	103 03

*From April 1, 1931 to December 31, 1931.

†Average number belonging for year ending in December

COST OF THE SCHOOLS

*Cost of Instruction, of Textbooks and Supplies, of Incidental Expenses,
of the Care of Schoolhouses, and of the Transportation of Pupils,
but not including Repairs*

YEAR	Number of Teachers in December	Number of Pupils in December	Average Number of Pupils for Year ending in June	Total Cost	Cost per Pupil
1930.....	648	15,610	15,392	\$1,848,685 67	\$120 10
1931*.....	678	16,044	15,434	1,481,394 95*	92 33
1932.....	692	16,201	15,738†	1,807,367 84	114 84
1933.....	695	16,561	15,899†	1,810,631 37	113 89
1934.....	677	16,505	15,757†	1,829,377 56	116 10
1935.....	681	16,329	15,742†	1,912,347 22	121 48
1936.....	680	15,999	15,636†	1,878,426 06	120 13
1937.....	684	15,410	15,327†	1,849,265 74	120 65
1938.....	692	15,571	15,450†	1,897,220 48	122 80
1939.....	693	15,215	14,937	1,847,198 30	123 66

*From April 1, 1931 to December 31, 1931.

Average number belonging for year ending in December.

ATTENDANCE AT ALL THE DAY SCHOOLS

YEAR	NUMBER REGISTERED			Average Number Belonging	Average Daily Attend- ance	Per Cent of Attend- ance
	Boys	Girls	Total			
1935	9,079	8,070	17,149	16,556	15,292	92.4
1936	9,186	8,238	17,424	16,278	15,060	92.5
1937	9,025	8,045	17,070	15,868	14,436	90.9
1938	8,714	7,808	16,522	15,317	14,349	93.7
1939	8,529	7,716	16,245	14,912	13,707	91.9

ATTENDANCE AT THE HIGH AND LATIN SCHOOL

YEAR	NUMBER REGISTERED			Average Number Belonging	Average Daily Attend- ance	Per Cent of Attend- ance
	Boys	Girls	Total			
1935	1,150	2,236	3,386	3,379	3,165	93.7
1936	1,291	2,298	3,589	3,277	3,072	93.7
1937	1,415	2,316	3,731	3,318	3,058	92.2
1938	1,209	2,384	3,593	3,322	3,076	92.6
1939	1,238	2,411	3,649	3,404	3,115	91.5

ATTENDANCE AT THE RINDGE TECHNICAL SCHOOL

YEAR	Number of Pupils Registered	Average Number Belonging	Average Daily Attendance	Per Cent of Attendance
1935	1,654	1,474	1,378	93.5
1936	1,571	1,416	1,291	91.1
1937	1,585	1,401	1,262	90.0
1938	1,550	1,367	1,253	91.7
1939	1,669	1,510	1,361	90.1

ATTENDANCE AT THE GRAMMAR SCHOOLS

YEAR	NUMBER REGISTERED			Average Number Belonging	Average Daily Attendance	Per Cent of Attendance
	Boys	Girls	Total			
1935	3,481	3,270	6,751	6,657	6,269	94.2
1936	3,663	3,468	7,131	6,802	6,414	94.3
1937	3,394	3,299	6,693	6,375	5,978	93.8
1938	3,371	3,085	6,456	6,161	5,842	94.8
1939	3,115	2,975	6,090	5,741	5,471	95.3

ATTENDANCE AT THE PRIMARY SCHOOLS

YEAR	NUMBER REGISTERED			Average Number Belonging	Average Daily Attendance	Per Cent of Attendance
	Boys	Girls	Total			
1935.....	2,298	2,054	4,352	4,215	3,790	89.9
1936.....	2,184	1,958	4,142	3,968	3,601	90.7
1937.....	2,137	1,949	4,086	3,970	3,464	87.3
1938.....	2,118	1,849	3,967	3,663	3,407	93.0
1939.....	2,060	1,885	3,945	3,515	3,156	89.8

ATTENDANCE AT THE KINDERGARTENS

YEAR	NUMBER REGISTERED			Average Number Belonging	Average Daily Attendance	Per Cent of Attendance
	Boys	Girls	Total			
1935.....	496	510	1,006	831	690	83.0
1936.....	477	514	991	815	682	83.7
1937.....	494	481	975	804	674	83.8
1938.....	466	490	956	804	771	95.9
1939.....	447	445	892	742	604	81.4

NUMBER OF PUPILS ADMITTED TO THE LOWEST GRADE OF THE HIGH
AND LATIN SCHOOL

SEPTEMBER	Boys	Average Age	Girls	Average Age
1935.....	260	12 years 10 months	645	13 years 0 months
1936.....	285	13 years 10 months	672	13 years 10 months
1937.....	239	13 years 8 months	670	13 years 9 months
1938.....	284	13 years 4 months	673	13 years 8 months
1939.....	214	13 years 8 months	684	14 years 0 months

NUMBER OF PUPILS GRADUATED FROM THE HIGH AND LATIN SCHOOL

YEAR	Boys	Average Age	Girls	Average Age
1935.....	204	18 years 2 months	303	17 years 9 months
1936.....	234	17 years 11 months	352	18 years 0 months
1937.....	211	18 years 2 months	333	18 years 1 month
1938.....	194	18 years 2 months	346	18 years 0 months
1939.....	208	18 years 0 months	376	18 years 1 month

NUMBER OF PUPILS ADMITTED TO THE LOWEST GRADE OF THE RINDGE TECHNICAL SCHOOL, WITH THE NUMBER OF GRADUATES

SEPTEMBER	Admitted	Average Age	Graduated in June	Average Age
1935.....	567	14 years 9 months	229	18 years 5 months
1936.....	545	15 years 1 month	212	18 years 7 months
1937.....	535	14 years 10 months	245	18 years 3 months
1938.....	634	14 years 11 months	228	18 years 5 months
1939.....	604	14 years 9 months	234	18 years 3 months

NUMBER OF PUPILS GRADUATED FROM THE GRAMMAR SCHOOLS

JUNE	Boys	Average Age	Girls	Average Age
1935.....	595	14 years 7 months	470	14 years 4 months
1936.....	556	14 years 6 months	559	14 years 5 months
1937.....	512	14 years 5 months	600	14 years 3 months
1938.....	582	14 years 6 months	586	14 years 2 months
1939.....	527	14 years 5 months	548	14 years 2 months

NUMBER OF PUPILS COMPLETING THE PRIMARY COURSE OF STUDY

YEAR	Boys	Average Age	Girls	Average Age
1935.....	542	9 years 2 months	537	9 years 1 month
1936.....	541	9 years 4 months	485	9 years 1 month
1937.....	508	9 years 1 month	572	9 years 3 months
1938.....	537	9 years 3 months	493	9 years 0 months
1939.....	466	9 years 3 months	510	8 years 8 months

LENGTH OF TIME IN COMPLETING THE COURSE OF STUDY IN THE GRAMMAR SCHOOLS

YEAR	In Four Years or Less	In Five Years	In Six Years	In More than Six Years
1935.....	6 per cent	67 per cent	22 per cent	5 per cent
1936.....	2 per cent	74 per cent	20 per cent	4 per cent
1937.....	1 per cent	71 per cent	21 per cent	7 per cent
1938.....	1 per cent	73 per cent	22 per cent	4 per cent
1939.....	1 per cent	70 per cent	22 per cent	7 per cent

LENGTH OF TIME IN COMPLETING THE COURSE OF STUDY
IN THE PRIMARY SCHOOLS

YEAR	In Less than Three Years	In Three Years	In Four Years	In More than Four Years
1935.....	2 per cent	58 per cent	28 per cent	12 per cent
1936.....	1 per cent	61 per cent	24 per cent	14 per cent
1937.....	2 per cent	58 per cent	25 per cent	15 per cent
1938.....	2 per cent	64 per cent	22 per cent	12 per cent
1939.....	1 per cent	63 per cent	25 per cent	11 per cent

NUMBER OF PUPILS IN THE HIGH AND LATIN SCHOOL, DECEMBER, 1939

YEAR	Boys	Girls	Total	Per Cent
Post Graduate.....	36	30	66	.019
Twelfth.....	242	454	696	.204
Eleventh.....	243	613	856	.251
Tenth.....	239	613	852	.249
Ninth.....	289	657	946	.277
Total.....	1,049	2,367	3,416	..

NUMBER OF PUPILS IN THE RINDGE TECHNICAL SCHOOL, DECEMBER, 1939

(This school is for boys only. It became a part of the public system January 1, 1899)

YEAR	Boys	Per Cent
Post Graduate.....	32	.021
Twelfth.....	235	.150
Eleventh.....	311	.198
Tenth.....	439	.280
Ninth.....	551	.351
*Total.....	1,568	....

* Includes boys in Central Vocational School for Boys doing High School work.

NUMBER OF PUPILS IN THE GRAMMAR SCHOOLS, DECEMBER, 1939

YEAR	Boys	Girls	Total	Per Cent
Eighth.....	666	622	1,288	.215
Seventh.....	644	564	1,208	.202
Sixth.....	628	614	1,242	.207
Fifth.....	598	558	1,156	.193
Fourth.....	555	545	1,100	.183
Total.....	3,091	2,903	5,994	....

NUMBER OF PUPILS IN THE PRIMARY SCHOOLS, DECEMBER, 1939

YEAR	Boys	Girls	Total	Per Cent
Third.....	594	538	1,132	.330
Second.....	604	526	1,130	.329
First.....	659	511	1,170	.341
Total.....	1,857	1,575	3,432	...

NUMBER OF PUPILS AND TEACHERS IN THE KINDERGARTENS

YEAR	Boys	Girls	Total	Number of Teachers
1935.....	429	454	883	37
1936.....	469	438	907	35
1937.....	435	434	869	38
1938.....	409	407	816	38
1939.....	396	409	805	40

NUMBER OF AGE AND SCHOOLING CERTIFICATES ISSUED

1933	1934	1935	1936	1937	1938	1939
199	75	105	179	162	84	100
2,307 ¹	1,679 ¹	2,105 ¹	2,818 ¹	2,938 ¹	2,287 ¹	2,101 ¹

¹ Issued to minors over sixteen years of age.

SUMMARY

Number of Pupils Belonging in December, 1939

Number of pupils in the High and Latin School.....	3,416
Number of pupils in the Rindge Technical School.....	1,568
Number of pupils in the Grammar Grades.....	5,499
Number of pupils in the Primary Grades.....	3,213
Number of pupils in the Kindergarten.....	805
Number of pupils in the Open Air Classes.....	182
Number of pupils in Special Classes.....	390
Number of pupils in the Ungraded Classes.....	142
Number of pupils in the public schools, December, 1939.....	15,215
Number of pupils in the public schools, December, 1938.....	15,571
Decrease of pupils, December, 1939.....	356
Decrease of pupils, 1929.....	154
Increase of pupils, 1930.....	17
Increase of pupils, 1931.....	434
Increase of pupils, 1932.....	157
Increase of pupils, 1933.....	360
Decrease of pupils, 1934.....	56
Decrease of pupils, 1935.....	176
Decrease of pupils, 1936.....	330
Decrease of pupils, 1937.....	589
Increase of pupils, 1938.....	161
Decrease of pupils, 1939.....	356

NUMBER OF PUPILS REGISTERED IN THE EVENING DRAWING SCHOOLS,
WITH THE AVERAGE ATTENDANCE

	1935†	1935‡	1936†	1936‡	1937†	1937‡	1938†	1938‡	1939†	1939‡
Number registered . .	54	62	81	67	57	95	64	101	71	68
Average attendance .	30	32	37	43	38	53	28	60	35	47

NUMBER OF PUPILS REGISTERED IN THE EVENING INDUSTRIAL
SCHOOL, WITH THE AVERAGE ATTENDANCE

	1935†	1935‡	1936†	1936‡	1937†	1937‡	1938†	1938‡	1939†	1939‡
Number registered . .	602	572	753	700	318	884	672	966	578	862
Average attendance .	285	246	322	441	241	592	386	615	361	525

NUMBER OF PUPILS REGISTERED IN THE EVENING HIGH SCHOOL,
WITH THE AVERAGE ATTENDANCE

	1935†	1935‡	1936†	1936‡	1937†	1937‡	1938†	1938‡	1939†	1939‡
Number registered . .	1,132	1,021	1,343	1,472	1,495	1,595	1,595	1,554	1,604	1,384
Average attendance .	480	388	360	797	434	873	418	713	398	622

NUMBER OF PUPILS REGISTERED IN THE EVENING ELEMENTARY
SCHOOLS, WITH THE AVERAGE ATTENDANCE

	1935†	1935‡	1936†	1936‡	1937†	1937‡	1938†	1938‡	1939†	1939‡
Number registered . .	978	278	363	476	413	442	478	460	344	481
Average attendance .	562	108	154	242	220	262	294	253	220	223

† January through March
‡ October through December.

ATTENDANCE AT THE EVENING SCHOOLS, 1939*

SCHOOLS	NUMBER REGISTERED			Average Number Belonging	Average Attend- ance	Per Cent of Attend- ance
	Males	Females	Total			
Rindge Industrial Classes	536	42	578	526	361	69
Architectural and Mechanical Drawing	60	...	60	44	29	66
Freehand Drawing	9	2	11	11	6	55
Evening High School	558	1,046	1,604	636	398	63
General Elementary School . . .	162	182	344	308	220	71
Total	1,325	1,272	2,597	1,525	1,014	66

* January through March.

COST OF THE EVENING SCHOOLS, 1939*

SCHOOLS	Salaries of Teachers	Cost of Janitor Service	Cost of Textbooks and Supplies	Total
Evening High School	\$2,608 00	\$160 00	\$44 92	\$2,812 92
Rindge Industrial	2,801 50	129 40	173 26	3,104 16
Drawing Classes	216 00	12 52	.....	228 52
Elementary Evening	660 00	50 08	39	710 47
Americanization Classes	1,190 00	22 50	17 76	1,230 26
Total	\$7,475 50	\$374 50	\$236 33	\$8,086 33

* January through March.

ATTENDANCE AT THE EVENING SCHOOLS, 1939*

SCHOOLS	NUMBER REGISTERED			Average Number Belonging	Average Attend- ance	Per Cent of Attend- ance
	Males	Females	Total			
Rindge Industrial Classes	847	15	862	817	525	64
Architectural and Mechanical Drawing	48	...	48	46	34	74
Freehand Drawing	19	1	20	17	13	75
Evening High School	484	900	1,384	928	622	67
General Elementary School	196	285	481	309	223	72
Total	1,594	1,201	2,795	2,117	1,417	67

* October through December.

COST OF THE EVENING SCHOOLS, 1939*

SCHOOLS	Salaries of Teachers	Cost of Janitor Service	Cost of Textbooks and Supplies	Total
Evening High School	\$2,798 00	\$170 00	\$177 07	\$3,145 07
Rindge Industrial	2,593 50	134 64	745 84	3,473 98
Drawing Classes	283 50	12 24	16 26	312 00
General Elementary School	792 50	57 12	31 43	881 05
Americanization Classes	967 50	.....	64 81	1,032 31
Total	\$7,435 00	\$374 00	\$1,035 41	\$8,844 41

* October through December.

NUMBER OF ASSISTANT TEACHERS IN THE EVENING SCHOOLS, 1939*

SCHOOLS	AVERAGE NUMBER OF ASSISTANT TEACHERS			
	1938*	1938†	1939*	1939†
Rindge Industrial Classes	32	36	36	31
Rindge Mechanical and Architectural Drawing Classes	2	2	2	3
Freehand Drawing Classes	1	1	1	1
Evening High School	47	47	39	40
General Elementary School	20	17	14	16
Total	102	103	92	91

NUMBER OF GRADUATES IN THE EVENING SCHOOLS, 1939*

SCHOOLS	NUMBER OF GRADUATES	
	1938	1939
Rindge Industrial Classes	60	92
Mechanical Drawing Class	1	2
Freehand Drawing Class	1	0
Evening High School	63	64
General Elementary School	15	10
Total	140	168

* January through March.
† October through December.

ATTENDANCE AT THE INDUSTRIAL CLASSES, 1939*
(For women in the elementary schools)

SCHOOLS	Number Registered	Average Number Belonging	Average Attendance	Per Cent of Attendance
General Elementary School	55	40	20	50

* January through March.

ATTENDANCE AT THE INDUSTRIAL CLASSES, 1939†
(For women in the elementary schools)

SCHOOLS	Number Registered	Average Number Belonging	Average Attendance	Per Cent of Attendance
General Elementary School	114	64	40	63

† October through December.

BUILDINGS USED FOR EVENING SCHOOL PURPOSES

SCHOOLS	CLASSES
Rindge School:	
a. Industrial Classes	Woodwork, ironwork, printing, mechanical drawing, architectural drawing, electricity, estimating, gas engine, aeronautics and auto repair work.
b. Drawing Classes	Freehand drawing.
High School	Academic, commercial.
General Elementary at High School	Grammar school work, Americanization, sewing.

STATISTICS FOR CONTINUATION SCHOOL

Girls

Number enrolled to January 1	70
Number returned to regular schools	3
Number discharged by reaching sixteenth birthday to January 1	32
Number discharged to other towns to January 1	1
Number of full-time pupils on January 1	0

Number of Girls in Each Grade, Enrolled to January 1

Grade 5	1
Grade 6	1
Grade 7	4
Grade 8	4
High School	60
Average grade of total enrollment for 1939	9

Boys

Number enrolled to January 1	18
Number returned to regular schools	1
Number discharged by reaching sixteenth birthday to January 1	10
Number discharged to other towns to January 1	0
Number of full-time pupils on January 1	7

Number of Boys in Each Grade, Enrolled to January 1

Grade 6	4
Grade 7	7
Grade 8	4
High School	3
Average grade of total enrollment for 1939	7.3

SIGHT AND HEARING TESTS

	1936	1937	1938	1939
Number enrolled	16,095	15,622	15,183	14,932
Number defective in sight	1,684	1,641	1,395	1,316
Number defective in hearing	320	357	424	311
Number of parents notified	1,744	1,678	1,459	1,284

SUMMARY OF THE REPORTS OF THE SUPERVISORS OF ATTENDANCE,
SEPTEMBER, 1938, TO SEPTEMBER, 1939

Number of absences investigated.....	22,066
Truancy, first offence.....	747
Truancy, third offence.....	293
Children found wandering about the streets not belonging to any school...	53
Such children sent to school.....	53
Visits to mercantile and manufacturing establishments.....	80
Children employed without certificates.....	2

CONTAGIOUS DISEASES REPORTED TO THE SCHOOLS
JANUARY 1, 1939, TO JANUARY 1, 1940

Lobar pneumonia.....	207
Chicken pox.....	499
Diphtheria.....	20
Measles.....	2,345
Mumps.....	192
Scarlet fever.....	151
Whooping cough.....	593
German measles.....	40
Infantile paralysis.....	2
Cerebrospinal meningitis.....	4
Septic sore throat.....	9
Typhoid fever.....	2
Total.....	4,064

STATISTICS OF THE PRIVATE AND PAROCHIAL SCHOOLS TAKEN BY THE
SUPERVISORS OF ATTENDANCE, OCTOBER 1, 1939

Eleven Parochial Schools, with an enrollment of.....	6,556
Five Private Schools, with an enrollment of	466
Total.....	7,022

TEACHERS AND OFFICIALS PENSIONED BY THE CITY

Teacher, Elementary School.....	Mary P. Blair
Teacher, Elementary School.....	Sarah J. Gunnison
Teacher, Elementary School.....	Anastasia R. Peters
Teacher, Elementary School.....	Mary A. Stephenson
Janitor.....	J. E. Arthur Plant
Janitor.....	Michael F. Reid
Janitor.....	Thomas F. Mahoney

SALARY SCHEDULE

Cambridge High and Latin and Rindge Technical Schools

	Minimum	Increase per Year	Number of Years	Maximum
Headmasters	\$4,100	\$200	3	\$4,700
Assistant Headmasters	3,650	150	3	4,100
Masters	2,850	150	6	3,750
Teachers (men)	1,850	150	7	2,900
Teachers (women)	1,534	120	6	2,254
*Deans .....	.....	...	...	.....
†Headmasters' Assistants .....	.....	...	...	.....
‡Masters' Assistants .....	.....	...	...	.....
Permanent Substitutes (men)	1,536	...	...	.....
Permanent Substitutes (women)	1,248	...	...	.....

Elementary Schools

Masters	\$2,950	\$150	6	\$3,850
Submasters	1,800	100	7	2,500
Masters' Assistant	1,908	100	2	2,108
Teachers, 8th Grade	1,338	100	6	1,938
Teachers	1,278	96	6	1,854
Principals, 9 rooms	2,176	120	2	2,416
Principals, 8 rooms or less	2,052	100	2	2,252

Kindergartens

Teachers	\$1,226	\$84	6	\$1,730
Assistant Teachers	1,190	84	5	1,610

Music and Art

Director	\$2,950	\$150	6	\$3,850
Assistant Director	2,252	150	6	3,152
Assistants	1,800	100	6	2,400
Teachers	1,362	96	6	1,936

Sewing

Teachers High	\$1,534	\$120	6	\$2,254
Teachers Elementary	1,262	96	6	1,838

*Deans are paid \$360 in addition to their regular teachers' salary.

†Headmasters' Assistants are paid \$360 in addition to their regular teachers' salary.

‡Masters' Assistants are paid \$200 in addition to their regular teachers' salary.

SALARY SCHEDULE --- Concluded

Physical Education

	Minimum	Increase per Year	Number of Years	Maximum
Director.....	\$2,950	\$150	6	\$3,850
Assistant Director (men).....	2,252	150	6	3,152
Assistant Director (women).....	1,800	100	6	2,400
Teachers.....	1,362	96	6	1,938

Cooking

Teachers.....	\$1,274	\$96	6	\$1,850
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Prevocational

Teachers (women).....	\$1,446	\$100	6	\$2,046
Teachers (men).....	1,600	150	5	2,350

Special Classes

Principal (Open Air).....	\$2,000	\$100	3	\$2,300
Teachers	1,394	100	6	1,994

Continuation and Vocational School

Teachers (men).....	\$1,600	\$150	5	\$2,350
Teachers (women).....	1,450	100	6	2,050

Supervisors of Attendance

Each.....	\$1,800	\$150 per year for the first three years; \$50 fourth year	4	\$2,300
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NOTE. — Teachers entering the service of the Cambridge Public Schools for the first time, with outside experience, shall be given credit on the salary schedule by the following rule:

Three years of experience outside of the city will be considered as equivalent to one year of experience in the city, but in no case shall a teacher be credited with more than five years of experience.

EVENING SCHOOLS

Evening High School

Per Evening

<i>Masters:</i> Minimum.....	\$6 00
Maximum.....	7 00
<i>Teachers:</i> Minimum.....	3 00
To teachers during the first year of service in evening schools.	
Maximum.....	4 00
To teachers of five or more years' experience in day schools; to teachers of less than five years' experience in day schools after one year of service in evening schools, and to teachers without day school experience after two years of service in evening schools.	
<i>Secretary</i>	3 00
<i>Clerk</i>	2 00

Rindge Evening Industrial School

<i>Master:</i> Minimum.....	6 00
Maximum.....	7 00
<i>Teachers:</i> Minimum.....	3 50
Maximum.....	4 50
<i>Secretary</i>	3 00

Elementary Schools

<i>Principals</i>	5 00
<i>Teachers:</i> Minimum.....	2 50
To teachers during the first year of service in evening schools.	
Maximum.....	3 00
To teachers of five or more years' experience in day schools; to teachers of less than five years' experience in day schools after one year of service in evening schools, and to teachers without day school experience after two years of service in evening schools.	
<i>Clerks</i>	2 00

SCHOOL CALENDAR

1939-1940

The first term — From September 11 to December 22.

The second term — From January 2 to February 23.

The third term — From March 4 to April 26.

The fourth term — From May 6 to June 21.

1940-1941

The first term — From September 9 to December 20.

SCHOOL HOLIDAYS

Columbus Day; Armistice Day; Thanksgiving Day, with the day preceding and the day following; Washington's Birthday; Good Friday; Patriots' Day; Memorial Day; and the Seventeenth of June. If one of these holidays falls on Sunday, the schools are closed on the day following.

EVENING SCHOOLS

There are two terms of the evening schools. The first term begins on the second Tuesday of October and closes one week previous to the closing of the day schools for the Christmas holidays. The second term begins on the first Tuesday of January, except when that day falls on New Year's Day, in which case it begins on the Thursday following New Year's Day, and continues for at least twenty-five evenings. Vacations and holidays are the same as in the day schools.

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